TNT LLC

Electrical & electronics. All in one place.

Taj Al Najah Trading LLC

38 categories | 460 product families | 2,484 specification entries

Current range edition - 19 October 2026

This catalogue contains the current website product-family images and the full specification list. Real photographs and product illustrations are both included. Images are product-type references; exact appearance, model, suitability, stock and commercial terms are confirmed in quotation.

sales@tajaltrading.com | tajaltrading@gmail.com
+968 75256924 | https://tajaltrading.com/en/range

How to use this catalogue

Browse the illustrated category pages, then use the specification appendix to select quantities, sizes and ratings. Click a product-family link to open its current website page. Send your RFQ with the delivery location and required date. Technical specifications are in English. Photo sources and licence details appear at the end.

Category directory

01 - Building wires | 4 families

02 - Power and flexible cables | 12 families

03 - Signal and specialist cables | 15 families

04 - PVC conduits and boxes | 23 families

05 - Metal and flexible conduits | 15 families

06 - Trunking trays and supports | 13 families

07 - Switches sockets and isolators | 22 families

08 - Plugs site power and extensions | 15 families

09 - Circuit protection and surge devices | 17 families

10 - Distribution boards and enclosures | 11 families

11 - Glands lugs and terminations | 22 families

12 - Earthing and lightning protection | 11 families

13 - Lamps and lamp holders | 13 families

14 - Indoor lighting | 16 families

15 - Outdoor and industrial lighting | 14 families

16 - Emergency and exit lighting | 7 families

17 - LED strips drivers and controls | 11 families

18 - Fans and ventilation | 9 families

19 - Water heaters and spares | 7 families

20 - Pumps and water-level controls | 10 families

21 - HVAC electrical spares | 6 families

22 - Industrial control and automation | 17 families

23 - Sensors meters and instrumentation | 10 families

24 - UPS batteries and chargers | 11 families

25 - Solar PV EV and storage | 12 families

26 - Network racks and passive cabling | 14 families

27 - Active networking and telecom | 9 families

28 - CCTV and security video | 10 families

29 - Access control intercom and alarms | 11 families

30 - Fire alarm PA and BMS | 8 families

31 - Computer mobile and AV accessories | 14 families

32 - Electronic components and repair | 20 families

33 - Smart home controls | 7 families

34 - Tools and installation equipment | 12 families

35 - Testing and measuring equipment | 10 families

36 - Fixings consumables and PPE | 10 families

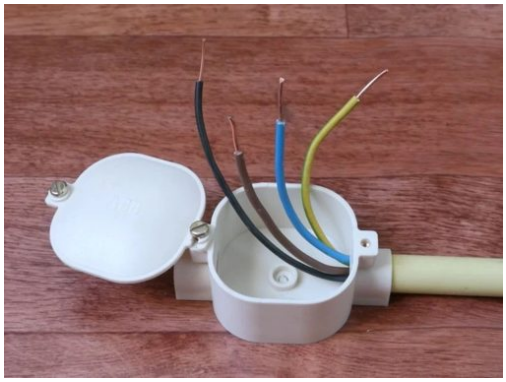
37 - Domestic appliances | 6 families

38 - Utility and specialist project equipment | 6 families

01 / Building wires

Product-family reference images - specify the exact variant in your RFQ.

PVC copper building wire



Product-type reference photograph

36 specification options | F-001

Open product family online

Insulated copper earthing conductor



Product illustration

6 specification options | F-002

Open product family online

LSZH copper building wire



Product illustration

6 specification options | F-003

Open product family online

Flexible panel wire



Product illustration

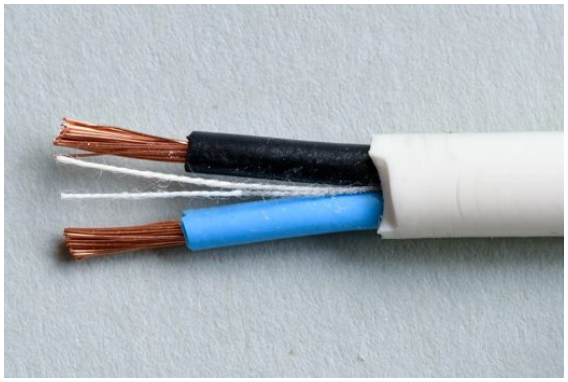
6 specification options | F-004

Open product family online

02 / Power and flexible cables

Product-family reference images - specify the exact variant in your RFQ.

PVC flexible appliance cable



Product-type reference photograph

16 specification options | F-006

Open product family online

Rubber heavy-duty flexible cable



Product-type reference photograph

12 specification options | F-007

Open product family online

Copper XLPE/SWA/PVC power cable



Product-type reference photograph

29 specification options | F-008

Open product family online

Single-core XLPE power cable



Product illustration

11 specification options | F-009

Open product family online

02 / Power and flexible cables

Product-family reference images - specify the exact variant in your RFQ.

Flat submersible pump cable



Product-type reference photograph

4 specification options | F-010

Open product family online

Welding cable



Product illustration

6 specification options | F-011

Open product family online

Heat-resistant silicone / glass-fibre cable



Product illustration

3 specification options | F-012

Open product family online

Aluminium LV power cable



Product-type reference photograph

1 specification options | F-013

Open product family online

02 / Power and flexible cables

Product-family reference images - specify the exact variant in your RFQ.

Flat travelling cable



Product illustration

1 specification options | F-014

Open product family online

Marine / oil-resistant specialist cable

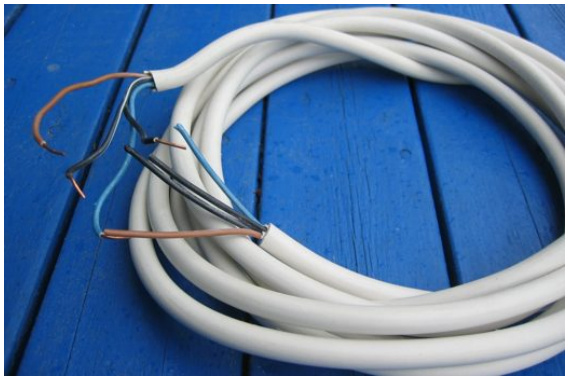


Product illustration

1 specification options | F-015

Open product family online

Multicore unarmoured fixed LV power cable

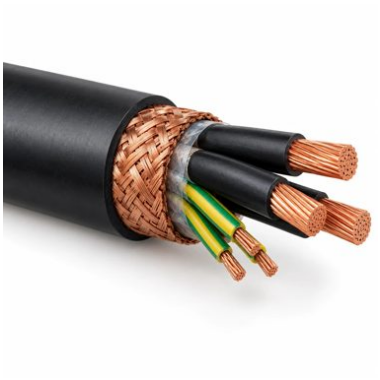


Product-type reference photograph

24 specification options | F-429

Open product family online

Screened VFD / motor cable



Product illustration

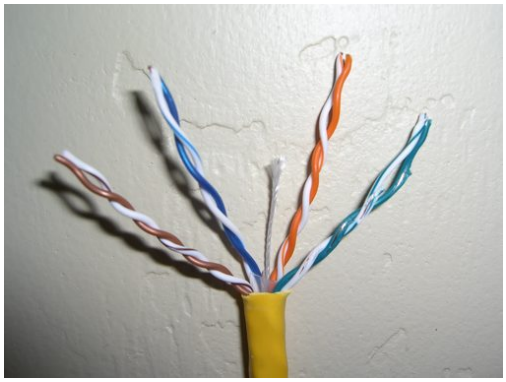
2 specification options | F-430

Open product family online

03 / Signal and specialist cables

Product-family reference images - specify the exact variant in your RFQ.

Category 6 data cable



Product-type reference photograph

4 specification options | F-016

Open product family online

Category 6A data cable



Product-type reference photograph

3 specification options | F-017

Open product family online

Coaxial cable



Product-type reference photograph

3 specification options | F-018

Open product family online

Satellite low-loss coaxial cable



Product-type reference photograph

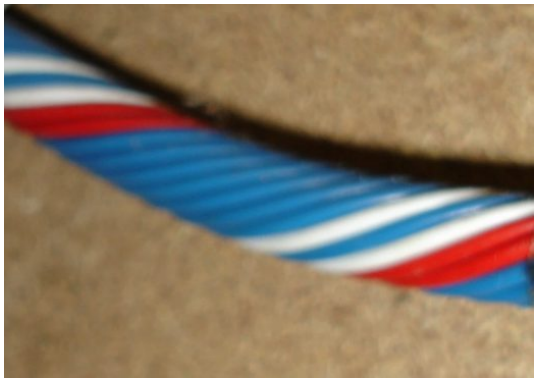
1 specification options | F-019

Open product family online

03 / Signal and specialist cables

Product-family reference images - specify the exact variant in your RFQ.

Telephone cable

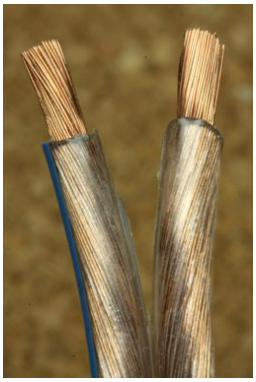


Product-type reference photograph

4 specification options | F-020

Open product family online

Speaker cable



Product-type reference photograph

3 specification options | F-021

Open product family online

Screened microphone cable



Product-type reference photograph

1 specification options | F-022

Open product family online

Fire-alarm / fire-resistant cable



Product-type reference photograph

4 specification options | F-023

Open product family online

03 / Signal and specialist cables

Product-family reference images - specify the exact variant in your RFQ.

Instrumentation cable



Product illustration

5 specification options | F-024

Open product family online

Multicore control cable



Product-type reference photograph

7 specification options | F-025

Open product family online

Communication bus cable

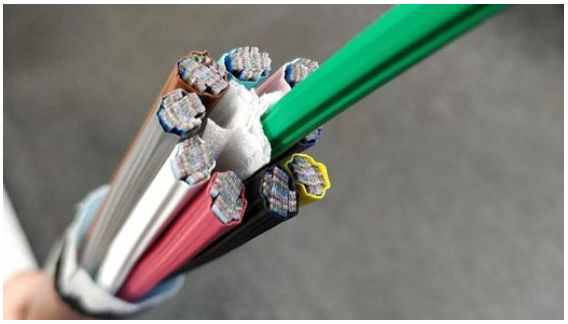


Product illustration

4 specification options | F-026

Open product family online

Fibre optic cable



Product-type reference photograph

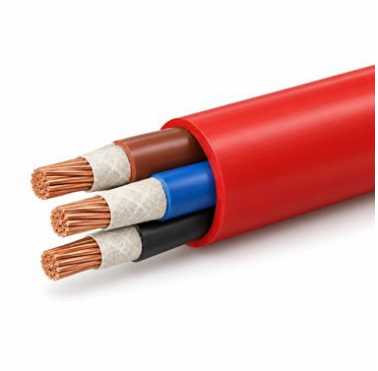
8 specification options | F-027

Open product family online

03 / Signal and specialist cables

Product-family reference images - specify the exact variant in your RFQ.

Fire-survival power cable



Product illustration

1 specification options | F-028

Open product family online

Thermocouple extension cable



Product illustration

1 specification options | F-029

Open product family online

Intruder-alarm / bell small-core cable



Product illustration

4 specification options | F-431

Open product family online

04 / PVC conduits and boxes

Product-family reference images - specify the exact variant in your RFQ.

Rigid heavy-duty PVC conduit



Product illustration

5 specification options | F-030

Open product family online

PVC Straight coupler



Product illustration

5 specification options | F-031

Open product family online

PVC Long-radius bend



Product illustration

5 specification options | F-032

Open product family online

PVC Inspection elbow



Product illustration

5 specification options | F-033

Open product family online

04 / PVC conduits and boxes

Product-family reference images - specify the exact variant in your RFQ.

PVC Inspection tee



Product illustration

5 specification options | F-034

Open product family online

PVC Male adaptor with locknut



Product illustration

5 specification options | F-035

Open product family online

PVC Female adaptor



Product illustration

5 specification options | F-036

Open product family online

PVC Conduit saddle



Product illustration

5 specification options | F-037

Open product family online

04 / PVC conduits and boxes

Product-family reference images - specify the exact variant in your RFQ.

PVC Round junction box - 1 way



Product illustration

5 specification options | F-038

Open product family online

PVC Round junction box - 2 way



Product illustration

5 specification options | F-039

Open product family online

PVC Round junction box - 3 way



Product illustration

5 specification options | F-040

Open product family online

PVC Round junction box - 4 way



Product illustration

5 specification options | F-041

Open product family online

04 / PVC conduits and boxes

Product-family reference images - specify the exact variant in your RFQ.

PVC conduit reducer



Product illustration

4 specification options | F-042

Open product family online

PVC junction-box lid



Product illustration

2 specification options | F-043

Open product family online

PVC surface pattress box



Product illustration

5 specification options | F-044

Open product family online

Dry-lining mounting box



Product illustration

4 specification options | F-045

Open product family online

04 / PVC conduits and boxes

Product-family reference images - specify the exact variant in your RFQ.

PVC adaptable junction box

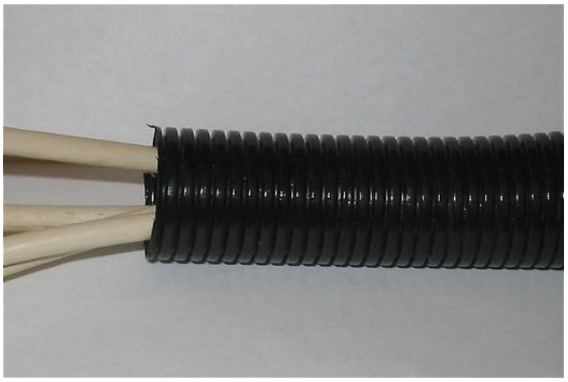


Product illustration

4 specification options | F-046

Open product family online

PVC corrugated flexible conduit



Product-type reference photograph

4 specification options | F-047

Open product family online

Flexible conduit connector - PVC



Product illustration

4 specification options | F-048

Open product family online

Electrical underground duct



Product illustration

3 specification options | F-049

Open product family online

04 / PVC conduits and boxes

Product-family reference images - specify the exact variant in your RFQ.

Underground duct accessories



Product illustration

5 specification options | F-050

Open product family online

Concrete slab conduit box



Product illustration

2 specification options | F-051

Open product family online

Sealed underground cable / duct-entry system



Product illustration

3 specification options | F-432

Open product family online

05 / Metal and flexible conduits

Product-family reference images - specify the exact variant in your RFQ.

Threaded GI conduit



Product illustration

5 specification options | F-052

Open product family online

GI threaded coupler



Product-type reference photograph

5 specification options | F-053

Open product family online

GI inspection elbow



Product illustration

10 specification options | F-054

Open product family online

GI inspection tee



Product illustration

5 specification options | F-055

Open product family online

05 / Metal and flexible conduits

Product-family reference images - specify the exact variant in your RFQ.

GI conduit saddle



Product illustration

5 specification options | F-056

Open product family online

GI locknut and bush



Product illustration

5 specification options | F-057

Open product family online

GI circular junction box



Product illustration

7 specification options | F-058

Open product family online

GI reducer / nipple



Product illustration

4 specification options | F-059

Open product family online

05 / Metal and flexible conduits

Product-family reference images - specify the exact variant in your RFQ.

GI back box - flush



Product illustration

4 specification options | F-060

Open product family online

GI adaptable box with lid



Product illustration

4 specification options | F-061

Open product family online

Bare galvanized flexible conduit



Product-type reference photograph

6 specification options | F-062

Open product family online

PVC-coated metal flexible conduit



Product illustration

6 specification options | F-063

Open product family online

05 / Metal and flexible conduits

Product-family reference images - specify the exact variant in your RFQ.

Metal flexible conduit connector



Product illustration

6 specification options | F-064

Open product family online

Liquid-tight flexible conduit



Product illustration

3 specification options | F-065

Open product family online

Liquid-tight conduit fitting



Product illustration

5 specification options | F-066

Open product family online

06 / Trunking trays and supports

Product-family reference images - specify the exact variant in your RFQ.

PVC mini / maxi trunking with lid



Product illustration

9 specification options | F-067

Open product family online

PVC trunking system fittings



Product illustration

7 specification options | F-068

Open product family online

Floor cable protector



Product illustration

4 specification options | F-069

Open product family online

Slotted panel wiring duct



Product illustration

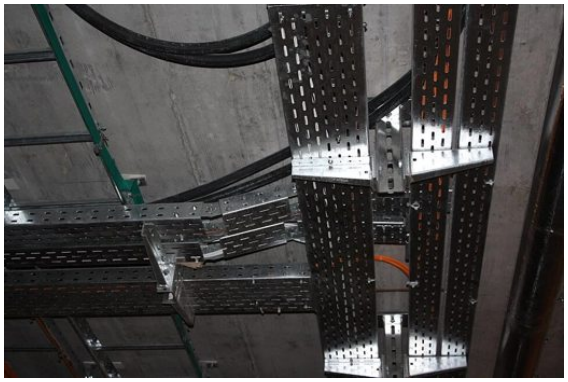
6 specification options | F-070

Open product family online

06 / Trunking trays and supports

Product-family reference images - specify the exact variant in your RFQ.

Perforated steel cable tray

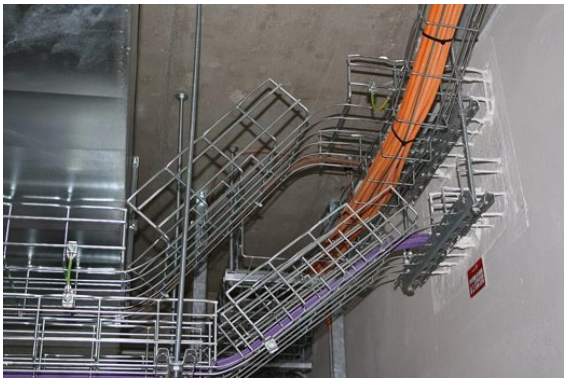


Product-type reference photograph

7 specification options | F-071

Open product family online

Wire-mesh cable basket



Product-type reference photograph

5 specification options | F-072

Open product family online

Cable ladder

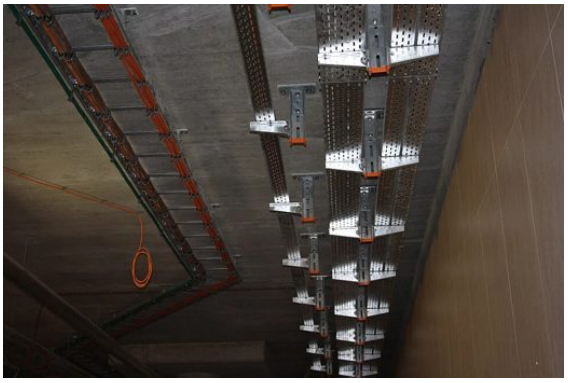


Product-type reference photograph

5 specification options | F-073

Open product family online

Tray / ladder accessory



Product-type reference photograph

10 specification options | F-074

Open product family online

06 / Trunking trays and supports

Product-family reference images - specify the exact variant in your RFQ.

Steel trunking with cover



Product illustration

5 specification options | F-075

Open product family online

Strut channel

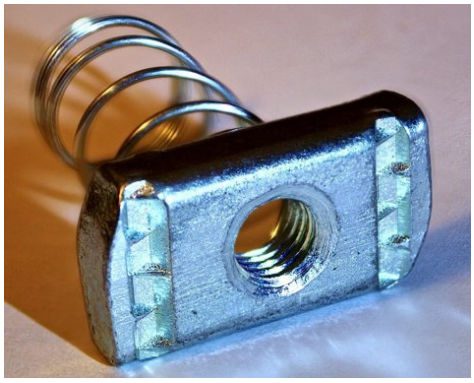


Product-type reference photograph

4 specification options | F-076

Open product family online

Channel support accessories



Product-type reference photograph

7 specification options | F-077

Open product family online

Threaded suspension rod



Product-type reference photograph

4 specification options | F-078

Open product family online

06 / Trunking trays and supports

Product-family reference images - specify the exact variant in your RFQ.

Dado / skirting power-data trunking system



Product illustration

3 specification options | F-433

Open product family online

07 / Switches sockets and isolators

Product-family reference images - specify the exact variant in your RFQ.

White plate light switch - 10AX



Product illustration

9 specification options | F-079

Open product family online

Intermediate light switch



Product illustration

1 specification options | F-080

Open product family online

Bell push switch



Product-type reference photograph

1 specification options | F-081

Open product family online

13 A switched socket - double-pole switching



Product illustration

2 specification options | F-082

Open product family online

07 / Switches sockets and isolators

Product-family reference images - specify the exact variant in your RFQ.

13 A switched socket with USB



Product illustration

2 specification options | F-083

Open product family online

13 A metal-clad switched socket



Product illustration

2 specification options | F-084

Open product family online

13 A weatherproof switched socket



Product illustration

2 specification options | F-085

Open product family online

Fused connection unit



Product illustration

4 specification options | F-086

Open product family online

07 / Switches sockets and isolators

Product-family reference images - specify the exact variant in your RFQ.

Double-pole appliance switch



Product illustration

3 specification options | F-087

Open product family online

Cooker control unit



Product illustration

2 specification options | F-088

Open product family online

Fan isolator



Product illustration

1 specification options | F-089

Open product family online

Weatherproof rotary isolator



Product illustration

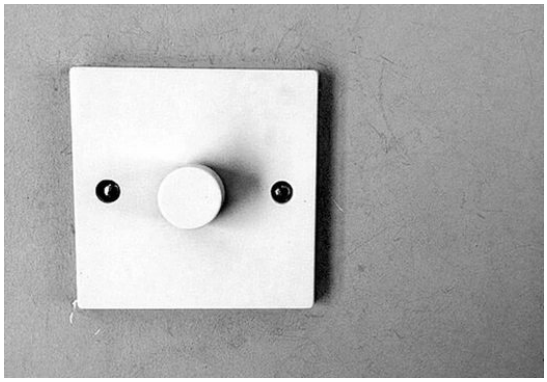
7 specification options | F-090

Open product family online

07 / Switches sockets and isolators

Product-family reference images - specify the exact variant in your RFQ.

LED-compatible dimmer



Product-type reference photograph

1 specification options | F-091

Open product family online

Ceiling fan regulator



Product illustration

2 specification options | F-092

Open product family online

Wiring-device front plate



Product illustration

5 specification options | F-093

Open product family online

Data/TV/telephone plate



Product illustration

6 specification options | F-094

Open product family online

07 / Switches sockets and isolators

Product-family reference images - specify the exact variant in your RFQ.

Bathroom shaver supply unit



Product illustration

1 specification options | F-095

Open product family online

Hotel key-card energy switch



Product illustration

1 specification options | F-096

Open product family online

Decorative wiring devices



Product-type reference photograph

7 specification options | F-097

Open product family online

Floor outlet box



Product illustration

1 specification options | F-098

Open product family online

07 / Switches sockets and isolators

Product-family reference images - specify the exact variant in your RFQ.

Ceiling pull-cord switches / isolators



Product illustration

4 specification options | F-434

Open product family online

Desktop / pop-up power and data units



Product illustration

3 specification options | F-435

Open product family online

08 / Plugs site power and extensions

Product-family reference images - specify the exact variant in your RFQ.

13 A fused rewirable plug



Product illustration

3 specification options | F-099

Open product family online

BS 1362 plug fuse



Product illustration

3 specification options | F-100

Open product family online

BS socket extension lead



Product-type reference photograph

5 specification options | F-101

Open product family online

Surge-protected BS extension lead



Product illustration

3 specification options | F-102

Open product family online

08 / Plugs site power and extensions

Product-family reference images - specify the exact variant in your RFQ.

Cable reel - BS outlets



Product illustration

3 specification options | F-103

Open product family online

RCD-protected extension unit



Product illustration

1 specification options | F-104

Open product family online

Industrial plug



Product illustration

7 specification options | F-105

Open product family online

Industrial socket



Product illustration

7 specification options | F-106

Open product family online

08 / Plugs site power and extensions

Product-family reference images - specify the exact variant in your RFQ.

Industrial cable coupler



Product illustration

7 specification options | F-107

Open product family online

Industrial 4-pin plug/socket set



Product illustration

3 specification options | F-108

Open product family online

Interlocked industrial socket

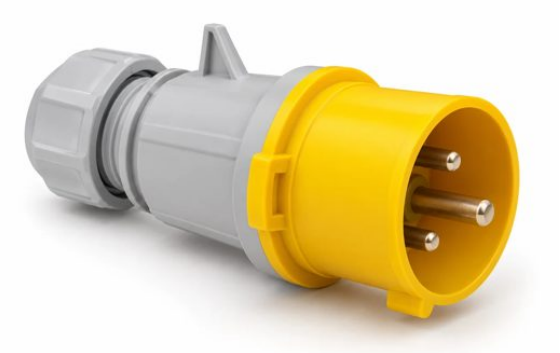


Product illustration

3 specification options | F-109

Open product family online

110 V construction-site plug / socket



Product illustration

2 specification options | F-110

Open product family online

08 / Plugs site power and extensions

Product-family reference images - specify the exact variant in your RFQ.

Construction-site transformer



Product illustration

2 specification options | F-111

Open product family online

Portable site distribution box



Product illustration

1 specification options | F-112

Open product family online

Appliance power cord



Product illustration

4 specification options | F-113

Open product family online

09 / Circuit protection and surge devices

Product-family reference images - specify the exact variant in your RFQ.

Miniature circuit breaker



Product illustration

36 specification options | F-114

Open product family online

RCBO

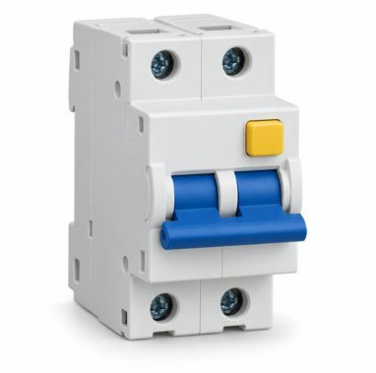


Product illustration

9 specification options | F-115

Open product family online

RCCB



Product illustration

6 specification options | F-116

Open product family online

Selective / specialist RCD



Product illustration

3 specification options | F-117

Open product family online

09 / Circuit protection and surge devices

Product-family reference images - specify the exact variant in your RFQ.

Type 2 AC surge protective device



Product illustration

3 specification options | F-118

Open product family online

Type 1+2 AC surge protective device



Product illustration

2 specification options | F-119

Open product family online

Data / signal surge protector



Product illustration

3 specification options | F-120

Open product family online

Moulded-case circuit breaker



Product illustration

9 specification options | F-121

Open product family online

09 / Circuit protection and surge devices

Product-family reference images - specify the exact variant in your RFQ.

Switch disconnector



Product illustration

5 specification options | F-122

Open product family online

DIN fuse holder and link

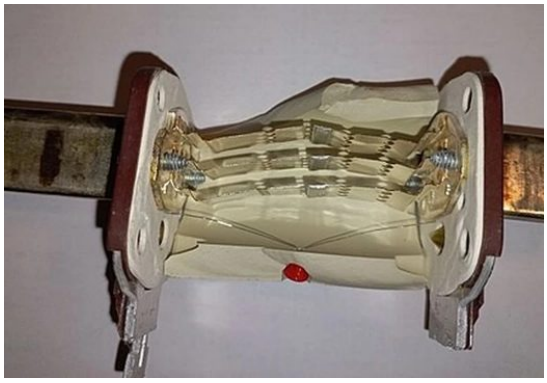


Product illustration

2 specification options | F-123

Open product family online

Industrial HRC fuse



Product-type reference photograph

4 specification options | F-124

Open product family online

Voltage protection relay / cut-off



Product illustration

3 specification options | F-125

Open product family online

09 / Circuit protection and surge devices

Product-family reference images - specify the exact variant in your RFQ.

Arc-fault detection device



Product illustration

1 specification options | F-126

Open product family online

Protection-device accessory



Product illustration

4 specification options | F-127

Open product family online

Plug-in delayed appliance voltage protector



Product illustration

2 specification options | F-436

Open product family online

DIN modular installation contactor



Product illustration

8 specification options | F-437

Open product family online

09 / Circuit protection and surge devices

Product-family reference images - specify the exact variant in your RFQ.

Impulse / latching relay



Product illustration

3 specification options | F-438

Open product family online

10 / Distribution boards and enclosures

Product-family reference images - specify the exact variant in your RFQ.

Single-phase distribution board - empty



Product illustration

7 specification options | F-128

Open product family online

Three-phase distribution board - empty



Product illustration

5 specification options | F-129

Open product family online

Small weatherproof modular enclosure



Product illustration

4 specification options | F-130

Open product family online

Steel wall-mount panel enclosure



Product illustration

5 specification options | F-131

Open product family online

10 / Distribution boards and enclosures

Product-family reference images - specify the exact variant in your RFQ.

Polycarbonate enclosure



Product illustration

4 specification options | F-132

Open product family online

Stainless-steel panel enclosure



Product illustration

1 specification options | F-133

Open product family online

Panel / DB accessories



Product-type reference photograph

12 specification options | F-134

Open product family online

Panel ventilation accessory



Product illustration

8 specification options | F-135

Open product family online

10 / Distribution boards and enclosures

Product-family reference images - specify the exact variant in your RFQ.

Meter enclosure / meter box



Product illustration

2 specification options | F-136

Open product family online

Assembled distribution / changeover panel



Product illustration

4 specification options | F-137

Open product family online

Finger-safe power distribution blocks



Product illustration

4 specification options | F-439

Open product family online

11 / Glands lugs and terminations

Product-family reference images - specify the exact variant in your RFQ.

Tinned copper compression cable lug



Product-type reference photograph

13 specification options | F-138

Open product family online

Copper inline butt connector



Product illustration

23 specification options | F-139

Open product family online

Bimetallic aluminium-to-copper lug



Product illustration

7 specification options | F-140

Open product family online

Insulated crimp terminal



Product-type reference photograph

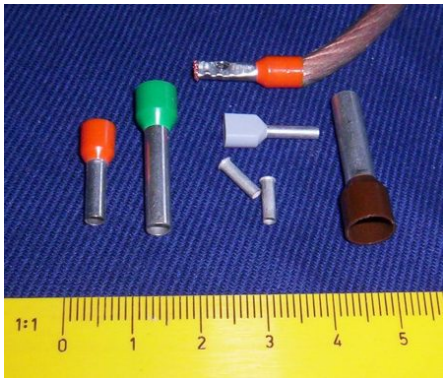
12 specification options | F-141

Open product family online

11 / Glands lugs and terminations

Product-family reference images - specify the exact variant in your RFQ.

Bootlace ferrule



Product-type reference photograph

9 specification options | F-142

Open product family online

Twin bootlace ferrule



Product illustration

5 specification options | F-143

Open product family online

Nylon metric cable gland



Product-type reference photograph

7 specification options | F-144

Open product family online

Brass compression gland - unarmoured



Product-type reference photograph

5 specification options | F-145

Open product family online

11 / Glands lugs and terminations

Product-family reference images - specify the exact variant in your RFQ.

Brass armoured cable gland kit



Product illustration

11 specification options | F-146

Open product family online

Gland accessory



Product-type reference photograph

8 specification options | F-147

Open product family online

Hazardous-area certified gland



Product illustration

2 specification options | F-148

Open product family online

Cable cleat



Product-type reference photograph

3 specification options | F-149

Open product family online

11 / Glands lugs and terminations

Product-family reference images - specify the exact variant in your RFQ.

Heat-shrink tubing



Product-type reference photograph

8 specification options | F-150

Open product family online

Heat-shrink termination / joint kit



Product illustration

4 specification options | F-151

Open product family online

Gel / resin cable joint box



Product illustration

2 specification options | F-152

Open product family online

Lever wire connector



Product illustration

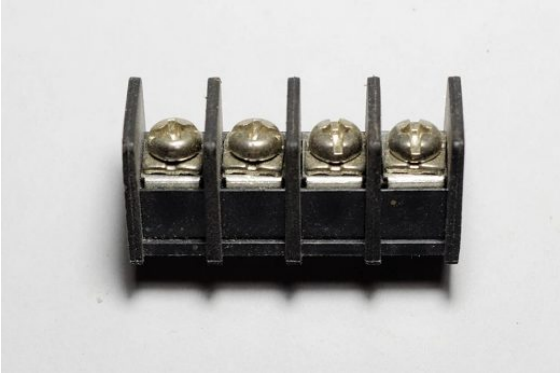
3 specification options | F-153

Open product family online

11 / Glands lugs and terminations

Product-family reference images - specify the exact variant in your RFQ.

Screw terminal strip



Product-type reference photograph

5 specification options | F-154

Open product family online

DIN terminal block



Product illustration

14 specification options | F-155

Open product family online

Rubber / elastomer cable-entry grommets



Product illustration

6 specification options | F-440

Open product family online

Panel edging / grommet strip



Product illustration

2 specification options | F-441

Open product family online

11 / Glands lugs and terminations

Product-family reference images - specify the exact variant in your RFQ.

Non-shrink cable wrapping and protective sleeving



Product illustration

10 specification options | F-442

Open product family online

Rated waterproof in-line disconnectable connectors



Product illustration

4 specification options | F-443

Open product family online

12 / Earthing and lightning protection

Product-family reference images - specify the exact variant in your RFQ.

Bare copper earthing conductor



Product illustration

6 specification options | F-156

Open product family online

Copper tape



Product illustration

3 specification options | F-157

Open product family online

Copper-bonded earth rod



Product-type reference photograph

4 specification options | F-158

Open product family online

Earth-rod accessory



Product illustration

4 specification options | F-159

Open product family online

12 / Earthing and lightning protection

Product-family reference images - specify the exact variant in your RFQ.

Earth inspection pit



Product illustration

3 specification options | F-160

Open product family online

Bonding clamp



Product illustration

4 specification options | F-161

Open product family online

Earth bar / disconnecting link



Product illustration

4 specification options | F-162

Open product family online

Flexible bonding braid



Product-type reference photograph

3 specification options | F-163

Open product family online

12 / Earthing and lightning protection

Product-family reference images - specify the exact variant in your RFQ.

Earthing compound



Product illustration

1 specification options | F-164

Open product family online

Lightning-protection component



Product-type reference photograph

7 specification options | F-165

Open product family online

Exothermic connection supply



Product illustration

1 specification options | F-166

Open product family online

13 / Lamps and lamp holders

Product-family reference images - specify the exact variant in your RFQ.

LED general-purpose bulb



Product illustration

12 specification options | F-167

Open product family online

LED high-output bulb



Product-type reference photograph

3 specification options | F-168

Open product family online

LED candle bulb



Product-type reference photograph

2 specification options | F-169

Open product family online

LED filament bulb



Product-type reference photograph

2 specification options | F-170

Open product family online

13 / Lamps and lamp holders

Product-family reference images - specify the exact variant in your RFQ.

LED GU10 spotlight lamp



Product-type reference photograph

3 specification options | F-171

Open product family online

LED low-voltage spotlight



Product-type reference photograph

1 specification options | F-172

Open product family online

LED capsule lamp



Product illustration

2 specification options | F-173

Open product family online

LED replacement tube



Product illustration

3 specification options | F-174

Open product family online

13 / Lamps and lamp holders

Product-family reference images - specify the exact variant in your RFQ.

Legacy replacement lamp



Product illustration

6 specification options | F-175

Open product family online

Lamp holder



Product-type reference photograph

14 specification options | F-176

Open product family online

Ceiling rose / pendant accessory



Product illustration

3 specification options | F-177

Open product family online

Legacy lamp control spare



Product illustration

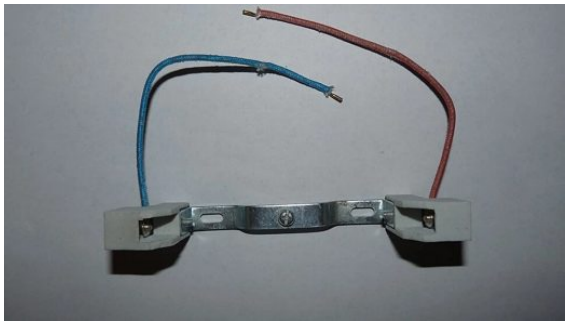
6 specification options | F-178

Open product family online

13 / Lamps and lamp holders

Product-family reference images - specify the exact variant in your RFQ.

R7s double-ended lamp and matching holder



Product-type reference photograph

3 specification options | F-444

Open product family online

14 / Indoor lighting

Product-family reference images - specify the exact variant in your RFQ.

Recessed LED panel - round



Product illustration

4 specification options | F-179

Open product family online

Recessed LED panel - square



Product illustration

4 specification options | F-180

Open product family online

Surface LED panel



Product-type reference photograph

5 specification options | F-181

Open product family online

Office LED panel



Product-type reference photograph

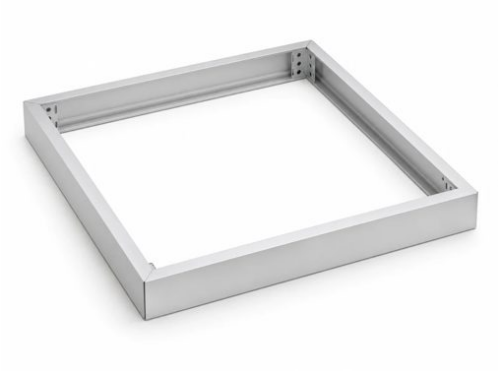
3 specification options | F-182

Open product family online

14 / Indoor lighting

Product-family reference images - specify the exact variant in your RFQ.

Panel mounting accessory



Product illustration

3 specification options | F-183

Open product family online

Integrated LED batten



Product illustration

5 specification options | F-184

Open product family online

Downlight - modular



Product illustration

4 specification options | F-185

Open product family online

Ceiling / bulkhead light



Product-type reference photograph

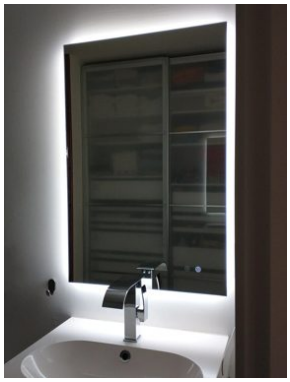
4 specification options | F-186

Open product family online

14 / Indoor lighting

Product-family reference images - specify the exact variant in your RFQ.

Bathroom mirror light



Product-type reference photograph

2 specification options | F-187

Open product family online

Under-cabinet fitting

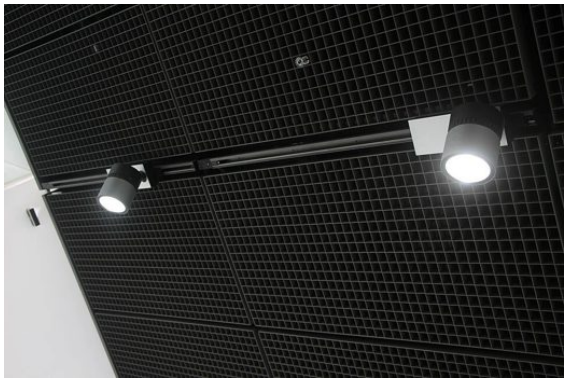


Product illustration

3 specification options | F-188

Open product family online

Track-light fitting



Product-type reference photograph

3 specification options | F-189

Open product family online

Track-light accessory



Product illustration

7 specification options | F-190

Open product family online

14 / Indoor lighting

Product-family reference images - specify the exact variant in your RFQ.

Decorative fitting



Product-type reference photograph

7 specification options | F-191

Open product family online

Commercial specialist fitting



Product illustration

4 specification options | F-192

Open product family online

Plug-in / rechargeable night lights



Product illustration

3 specification options | F-445

Open product family online

Luminaire plug-in connection and support system



Product illustration

3 specification options | F-446

Open product family online

15 / Outdoor and industrial lighting

Product-family reference images - specify the exact variant in your RFQ.

Outdoor LED floodlight



Product-type reference photograph

7 specification options | F-193

Open product family online

PIR security floodlight



Product illustration

2 specification options | F-194

Open product family online

Weatherproof LED batten



Product illustration

3 specification options | F-195

Open product family online

Outdoor bulkhead



Product illustration

3 specification options | F-196

Open product family online

15 / Outdoor and industrial lighting

Product-family reference images - specify the exact variant in your RFQ.

Outdoor architectural fitting



Product illustration

7 specification options | F-197

Open product family online

Industrial LED high-bay



Product illustration

4 specification options | F-198

Open product family online

Road / street LED luminaire



Product-type reference photograph

4 specification options | F-199

Open product family online

Street-light accessory



Product illustration

6 specification options | F-200

Open product family online

15 / Outdoor and industrial lighting

Product-family reference images - specify the exact variant in your RFQ.

Solar lighting set



Product-type reference photograph

4 specification options | F-201

Open product family online

Portable work light



Product illustration

3 specification options | F-202

Open product family online

Pool / underwater luminaire



Product illustration

1 specification options | F-203

Open product family online

Hazardous-area luminaire



Product illustration

1 specification options | F-204

Open product family online

15 / Outdoor and industrial lighting

Product-family reference images - specify the exact variant in your RFQ.

High-mast floodlighting package



Product-type reference photograph

1 specification options | F-205

Open product family online

Torches, headlamps and portable lanterns



Product-type reference photograph

4 specification options | F-447

Open product family online

16 / Emergency and exit lighting

Product-family reference images - specify the exact variant in your RFQ.

Self-contained emergency light



Product illustration

4 specification options | F-206

Open product family online

Illuminated exit sign



Product-type reference photograph

4 specification options | F-207

Open product family online

Exit-sign legend / accessory



Product-type reference photograph

5 specification options | F-208

Open product family online

Emergency conversion kit



Product illustration

1 specification options | F-209

Open product family online

16 / Emergency and exit lighting

Product-family reference images - specify the exact variant in your RFQ.

Emergency replacement battery



Product illustration

3 specification options | F-210

Open product family online

Emergency-light test switch



Product illustration

2 specification options | F-211

Open product family online

Central battery emergency system



Product illustration

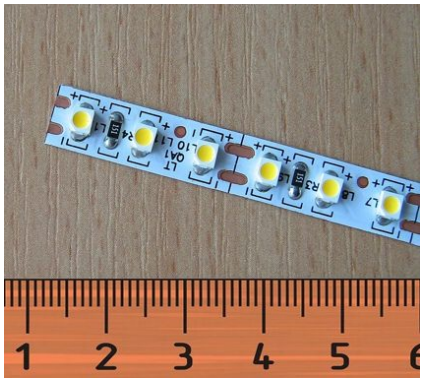
3 specification options | F-212

Open product family online

17 / LED strips drivers and controls

Product-family reference images - specify the exact variant in your RFQ.

Constant-voltage LED strip



Product-type reference photograph

6 specification options | F-213

Open product family online

Special LED strip



Product-type reference photograph

6 specification options | F-214

Open product family online

LED aluminium profile



Product illustration

5 specification options | F-215

Open product family online

Strip/profile accessory



Product illustration

8 specification options | F-216

Open product family online

17 / LED strips drivers and controls

Product-family reference images - specify the exact variant in your RFQ.

Constant-voltage LED power supply



Product illustration

10 specification options | F-217

Open product family online

Constant-current LED driver



Product illustration

4 specification options | F-218

Open product family online

Dimmable LED driver



Product illustration

4 specification options | F-219

Open product family online

LED controller



Product illustration

6 specification options | F-220

Open product family online

17 / LED strips drivers and controls

Product-family reference images - specify the exact variant in your RFQ.

Lighting control component



Product illustration

11 specification options | F-221

Open product family online

Signage LED module



Product illustration

3 specification options | F-222

Open product family online

LED repair light engine



Product-type reference photograph

1 specification options | F-223

Open product family online

18 / Fans and ventilation

Product-family reference images - specify the exact variant in your RFQ.

Ceiling fan



Product-type reference photograph

5 specification options | F-224

Open product family online

Wall fan



Product-type reference photograph

2 specification options | F-225

Open product family online

Pedestal fan



Product illustration

3 specification options | F-226

Open product family online

Desk / box fan



Product-type reference photograph

3 specification options | F-227

Open product family online

18 / Fans and ventilation

Product-family reference images - specify the exact variant in your RFQ.

Exhaust fan



Product-type reference photograph

5 specification options | F-228

Open product family online

Ventilation fan



Product illustration

6 specification options | F-229

Open product family online

Ventilation accessory



Product illustration

6 specification options | F-230

Open product family online

Fan repair spare



Product illustration

6 specification options | F-231

Open product family online

18 / Fans and ventilation

Product-family reference images - specify the exact variant in your RFQ.

Commercial ventilation appliance



Product-type reference photograph

5 specification options | F-232

Open product family online

19 / Water heaters and spares

Product-family reference images - specify the exact variant in your RFQ.

Electric storage water heater



Product illustration

7 specification options | F-233

Open product family online

Point-of-use water heater



Product illustration

2 specification options | F-234

Open product family online

Instantaneous electric water heater



Product-type reference photograph

1 specification options | F-235

Open product family online

Water-heater element



Product-type reference photograph

3 specification options | F-236

Open product family online

19 / Water heaters and spares

Product-family reference images - specify the exact variant in your RFQ.

Water-heater spare



Product illustration

8 specification options | F-237

Open product family online

Water-heater connection accessory



Product-type reference photograph

3 specification options | F-238

Open product family online

Solar thermal / heat-pump water heater



Product-type reference photograph

1 specification options | F-239

Open product family online

20 / Pumps and water-level controls

Product-family reference images - specify the exact variant in your RFQ.

Domestic water pump



Product illustration

4 specification options | F-240

Open product family online

Automatic pressure-booster pump



Product illustration

2 specification options | F-241

Open product family online

Submersible pump



Product-type reference photograph

4 specification options | F-242

Open product family online

Pump control component



Product illustration

6 specification options | F-243

Open product family online

20 / Pumps and water-level controls

Product-family reference images - specify the exact variant in your RFQ.

Float switch



Product illustration

3 specification options | F-244

Open product family online

Water-level sensor



Product illustration

3 specification options | F-245

Open product family online

Pressure-vessel accessory



Product illustration

6 specification options | F-246

Open product family online

Pump replacement part



Product illustration

7 specification options | F-247

Open product family online

20 / Pumps and water-level controls

Product-family reference images - specify the exact variant in your RFQ.

Domestic circulation pump



Product illustration

1 specification options | F-248

Open product family online

AC condensate removal pump and service kit



Product illustration

4 specification options | F-448

Open product family online

21 / HVAC electrical spares

Product-family reference images - specify the exact variant in your RFQ.

Motor run capacitor



Product illustration

19 specification options | F-249

Open product family online

Dual-run AC capacitor



Product illustration

6 specification options | F-250

Open product family online

Motor start capacitor



Product illustration

4 specification options | F-251

Open product family online

HVAC contactor



Product illustration

4 specification options | F-252

Open product family online

21 / HVAC electrical spares

Product-family reference images - specify the exact variant in your RFQ.

HVAC service electrical spare



Product illustration

12 specification options | F-253

Open product family online

Refrigeration electrical control



Product illustration

8 specification options | F-254

Open product family online

22 / Industrial control and automation

Product-family reference images - specify the exact variant in your RFQ.

Motor contactor



Product illustration

8 specification options | F-255

Open product family online

Thermal overload relay



Product illustration

11 specification options | F-256

Open product family online

Motor protection circuit breaker



Product illustration

11 specification options | F-257

Open product family online

Contactor / starter accessory



Product illustration

6 specification options | F-258

Open product family online

22 / Industrial control and automation

Product-family reference images - specify the exact variant in your RFQ.

22 mm control operator



Product illustration

11 specification options | F-259

Open product family online

Control operator accessory



Product illustration

7 specification options | F-260

Open product family online

Plug-in control relay



Product illustration

6 specification options | F-261

Open product family online

DIN control relay



Product illustration

7 specification options | F-262

Open product family online

22 / Industrial control and automation

Product-family reference images - specify the exact variant in your RFQ.

Solid-state relay

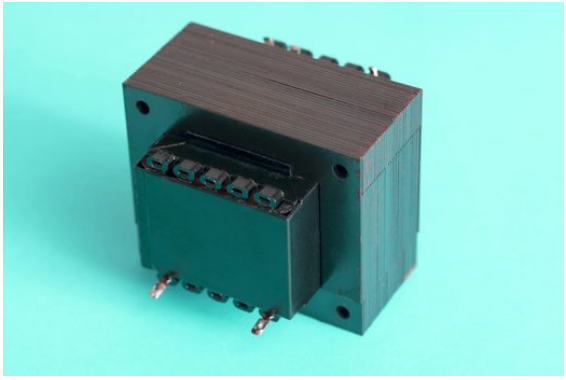


Product illustration

2 specification options | F-263

Open product family online

Control transformer



Product-type reference photograph

4 specification options | F-264

Open product family online

DIN DC power supply



Product illustration

4 specification options | F-265

Open product family online

Variable-frequency drive



Product illustration

7 specification options | F-266

Open product family online

22 / Industrial control and automation

Product-family reference images - specify the exact variant in your RFQ.

Automation controller



Product illustration

7 specification options | F-267

Open product family online

Drive / PLC accessory



Product illustration

7 specification options | F-268

Open product family online

Panel-mounted control accessory



Product illustration

6 specification options | F-269

Open product family online

Standalone IEC electric motors



Product illustration

10 specification options | F-449

Open product family online

22 / Industrial control and automation

Product-family reference images - specify the exact variant in your RFQ.

Soft starters



Product illustration

3 specification options | F-450

Open product family online

23 / Sensors meters and instrumentation

Product-family reference images - specify the exact variant in your RFQ.

DIN energy meter



Product illustration

3 specification options | F-270

Open product family online

Panel instrument



Product illustration

7 specification options | F-271

Open product family online

Metering current transformer



Product illustration

6 specification options | F-272

Open product family online

Panel-meter accessory



Product illustration

4 specification options | F-273

Open product family online

23 / Sensors meters and instrumentation

Product-family reference images - specify the exact variant in your RFQ.

Position / detection sensor



Product illustration

8 specification options | F-274

Open product family online

Process instrument



Product illustration

8 specification options | F-275

Open product family online

Temperature controller



Product illustration

3 specification options | F-276

Open product family online

Sensor connector / cable



Product-type reference photograph

8 specification options | F-277

Open product family online

23 / Sensors meters and instrumentation

Product-family reference images - specify the exact variant in your RFQ.

Power-factor correction component



Product illustration

4 specification options | F-278

Open product family online

DC shunt and battery-monitor meter



Product illustration

3 specification options | F-451

Open product family online

24 / UPS batteries and chargers

Product-family reference images - specify the exact variant in your RFQ.

Line-interactive UPS



Product illustration

4 specification options | F-279

Open product family online

Online double-conversion UPS



Product illustration

6 specification options | F-280

Open product family online

UPS accessory



Product illustration

5 specification options | F-281

Open product family online

VRLA AGM battery



Product illustration

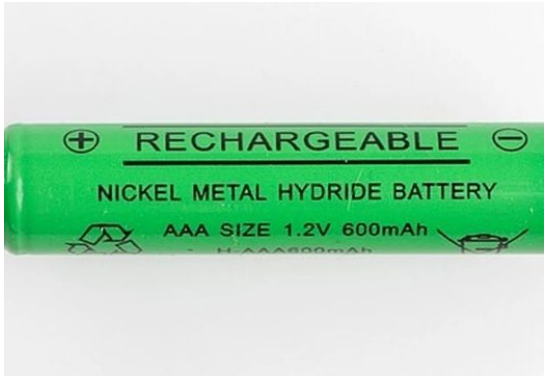
10 specification options | F-282

Open product family online

24 / UPS batteries and chargers

Product-family reference images - specify the exact variant in your RFQ.

Rechargeable battery retail pack



Product-type reference photograph

3 specification options | F-283

Open product family online

Primary battery retail pack



Product-type reference photograph

8 specification options | F-284

Open product family online

Battery charger



Product illustration

3 specification options | F-285

Open product family online

AC voltage stabilizer



Product illustration

4 specification options | F-286

Open product family online

24 / UPS batteries and chargers

Product-family reference images - specify the exact variant in your RFQ.

DC adaptor



Product illustration

8 specification options | F-287

Open product family online

Battery connection accessory



Product illustration

5 specification options | F-288

Open product family online

Portable power station



Product-type reference photograph

1 specification options | F-289

Open product family online

25 / Solar PV EV and storage

Product-family reference images - specify the exact variant in your RFQ.

PV module



Product-type reference photograph

2 specification options | F-290

Open product family online

Solar inverter



Product illustration

5 specification options | F-291

Open product family online

PV DC cable



Product illustration

6 specification options | F-292

Open product family online

PV connector component



Product-type reference photograph

5 specification options | F-293

Open product family online

25 / Solar PV EV and storage

Product-family reference images - specify the exact variant in your RFQ.

PV DC protection



Product illustration

5 specification options | F-294

Open product family online

PV mounting / safety component



Product illustration

8 specification options | F-295

Open product family online

Battery energy storage



Product illustration

4 specification options | F-296

Open product family online

EV AC charging station



Product illustration

3 specification options | F-297

Open product family online

25 / Solar PV EV and storage

Product-family reference images - specify the exact variant in your RFQ.

EV charging accessory



Product-type reference photograph

6 specification options | F-298

Open product family online

EV DC charging station



Product illustration

1 specification options | F-299

Open product family online

Solar water pumping system



Product-type reference photograph

1 specification options | F-300

Open product family online

Standalone MPPT solar charge controller



Product illustration

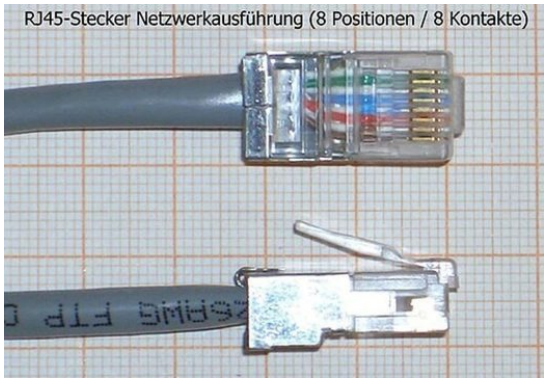
5 specification options | F-452

Open product family online

26 / Network racks and passive cabling

Product-family reference images - specify the exact variant in your RFQ.

RJ45 modular plug



Product-type reference photograph

6 specification options | F-301

Open product family online

RJ45 keystone jack



Product illustration

3 specification options | F-302

Open product family online

RJ45 inline coupler



Product illustration

3 specification options | F-303

Open product family online

Factory Cat6 patch cord



Product-type reference photograph

12 specification options | F-304

Open product family online

26 / Network racks and passive cabling

Product-family reference images - specify the exact variant in your RFQ.

Copper patch panel



Product illustration

5 specification options | F-305

Open product family online

Data outlet box and management



Product-type reference photograph

7 specification options | F-306

Open product family online

Wall-mounted network rack



Product illustration

5 specification options | F-307

Open product family online

Floor-standing network rack



Product-type reference photograph

4 specification options | F-308

Open product family online

26 / Network racks and passive cabling

Product-family reference images - specify the exact variant in your RFQ.

Network-rack accessory

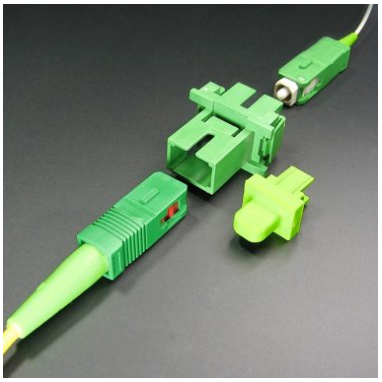


Product-type reference photograph

8 specification options | F-309

Open product family online

Fibre termination item

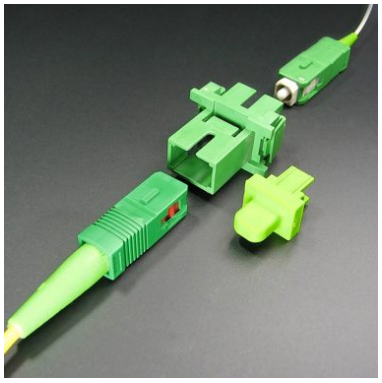


Product-type reference photograph

8 specification options | F-310

Open product family online

Fibre patch cord



Product-type reference photograph

6 specification options | F-311

Open product family online

Fibre pigtail



Product illustration

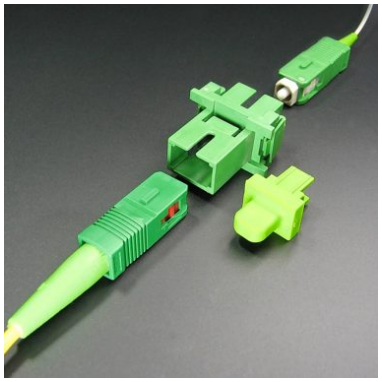
4 specification options | F-312

Open product family online

26 / Network racks and passive cabling

Product-family reference images - specify the exact variant in your RFQ.

Fibre accessory

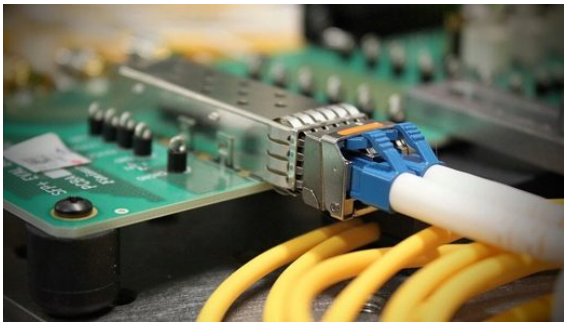


Product-type reference photograph

11 specification options | F-313

Open product family online

Fibre optical transceiver



Product-type reference photograph

4 specification options | F-314

Open product family online

27 / Active networking and telecom

Product-family reference images - specify the exact variant in your RFQ.

Unmanaged network switch



Product illustration

4 specification options | F-315

Open product family online

PoE network switch



Product illustration

4 specification options | F-316

Open product family online

Managed network switch



Product illustration

4 specification options | F-317

Open product family online

Wireless router / access point



Product illustration

6 specification options | F-318

Open product family online

27 / Active networking and telecom

Product-family reference images - specify the exact variant in your RFQ.

Networking power / controller



Product illustration

5 specification options | F-319

Open product family online

Network conversion / extension



Product illustration

4 specification options | F-320

Open product family online

Business network equipment



Product illustration

5 specification options | F-321

Open product family online

Telephone equipment



Product illustration

5 specification options | F-322

Open product family online

27 / Active networking and telecom

Product-family reference images - specify the exact variant in your RFQ.

Radio communications equipment



Product illustration

1 specification options | F-323

Open product family online

28 / CCTV and security video

Product-family reference images - specify the exact variant in your RFQ.

IP security camera - visible installation



Product illustration

7 specification options | F-324

Open product family online

Legacy CCTV camera



Product illustration

3 specification options | F-325

Open product family online

Network video recorder



Product-type reference photograph

4 specification options | F-326

Open product family online

Hybrid DVR



Product illustration

3 specification options | F-327

Open product family online

28 / CCTV and security video

Product-family reference images - specify the exact variant in your RFQ.

Surveillance hard disk



Product illustration

8 specification options | F-328

Open product family online

CCTV power supply



Product illustration

3 specification options | F-329

Open product family online

CCTV installation accessory



Product illustration

8 specification options | F-330

Open product family online

Video display / transmission



Product-type reference photograph

4 specification options | F-331

Open product family online

28 / CCTV and security video

Product-family reference images - specify the exact variant in your RFQ.

Standalone visible Wi-Fi camera



Product illustration

2 specification options | F-332

Open product family online

CCTV complete package



Product illustration

3 specification options | F-333

Open product family online

29 / Access control intercom and alarms

Product-family reference images - specify the exact variant in your RFQ.

Audio door entry kit



Product illustration

2 specification options | F-334

Open product family online

Video intercom kit



Product illustration

3 specification options | F-335

Open product family online

Doorbell



Product illustration

3 specification options | F-336

Open product family online

Access controller



Product illustration

4 specification options | F-337

Open product family online

29 / Access control intercom and alarms

Product-family reference images - specify the exact variant in your RFQ.

Door locking component



Product-type reference photograph

4 specification options | F-338

Open product family online

Access-control accessory



Product illustration

7 specification options | F-339

Open product family online

Time attendance terminal



Product illustration

2 specification options | F-340

Open product family online

Intruder alarm component



Product-type reference photograph

7 specification options | F-341

Open product family online

29 / Access control intercom and alarms

Product-family reference images - specify the exact variant in your RFQ.

Gate automation electronics



Product illustration

8 specification options | F-342

Open product family online

Assistance / security call system



Product illustration

3 specification options | F-343

Open product family online

Fire-door hold-open magnet and release interface



Product illustration

2 specification options | F-453

Open product family online

30 / Fire alarm PA and BMS

Product-family reference images - specify the exact variant in your RFQ.

Conventional fire-alarm component



Product illustration

9 specification options | F-344

Open product family online

Addressable fire-alarm component



Product illustration

11 specification options | F-345

Open product family online

Specialist fire detection



Product-type reference photograph

7 specification options | F-346

Open product family online

Fire-alarm service accessory



Product illustration

6 specification options | F-347

Open product family online

30 / Fire alarm PA and BMS

Product-family reference images - specify the exact variant in your RFQ.

Standalone home safety detector



Product-type reference photograph

3 specification options | F-348

Open product family online

Public-address audio equipment



Product illustration

8 specification options | F-349

Open product family online

Certified voice-alarm component



Product illustration

5 specification options | F-350

Open product family online

Building management system



Product illustration

6 specification options | F-351

Open product family online

31 / Computer mobile and AV accessories

Product-family reference images - specify the exact variant in your RFQ.

USB charging / data cable



Product-type reference photograph

5 specification options | F-352

Open product family online

Mains USB charger - BS plug



Product illustration

5 specification options | F-353

Open product family online

Mobile power accessory



Product-type reference photograph

4 specification options | F-354

Open product family online

Computer cable / adaptor



Product-type reference photograph

9 specification options | F-355

Open product family online

31 / Computer mobile and AV accessories

Product-family reference images - specify the exact variant in your RFQ.

HDMI cable



Product-type reference photograph

4 specification options | F-356

Open product family online

Audio cable / connector



Product-type reference photograph

7 specification options | F-357

Open product family online

Computer peripheral



Product-type reference photograph

8 specification options | F-358

Open product family online

Computer storage



Product illustration

8 specification options | F-359

Open product family online

31 / Computer mobile and AV accessories

Product-family reference images - specify the exact variant in your RFQ.

Computer / TV accessories



Product illustration

7 specification options | F-360

Open product family online

Satellite reception accessory



Product-type reference photograph

6 specification options | F-361

Open product family online

Consumer audio / video product



Product-type reference photograph

6 specification options | F-362

Open product family online

Computing / mobile device



Product illustration

5 specification options | F-363

Open product family online

31 / Computer mobile and AV accessories

Product-family reference images - specify the exact variant in your RFQ.

Point-of-sale hardware peripherals



Product illustration

4 specification options | F-454

Open product family online

Phone cases / screen protectors



Product-type reference photograph

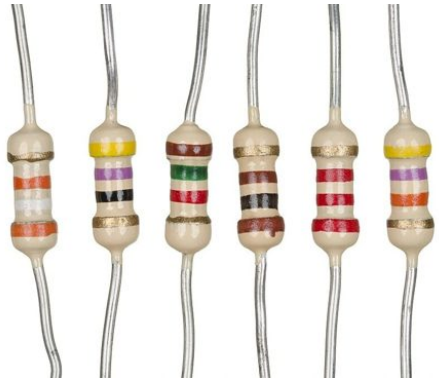
2 specification options | F-455

Open product family online

32 / Electronic components and repair

Product-family reference images - specify the exact variant in your RFQ.

Through-hole resistor

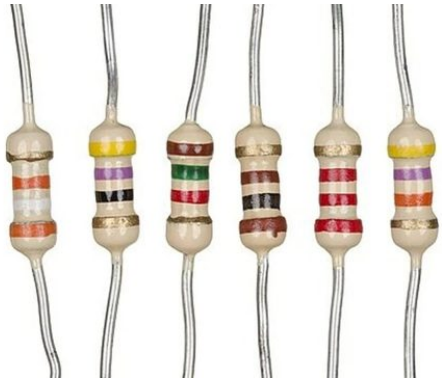


Product-type reference photograph

11 specification options | F-364

Open product family online

Repair resistor assortment



Product-type reference photograph

5 specification options | F-365

Open product family online

Variable resistor



Product-type reference photograph

3 specification options | F-366

Open product family online

Ceramic / film capacitor



Product-type reference photograph

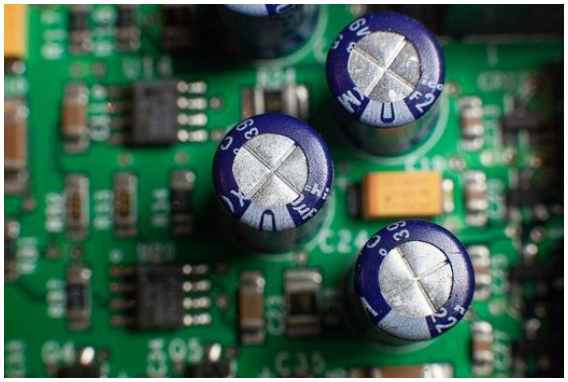
7 specification options | F-367

Open product family online

32 / Electronic components and repair

Product-family reference images - specify the exact variant in your RFQ.

Electrolytic capacitor



Product-type reference photograph

8 specification options | F-368

Open product family online

Electronic diode



Product illustration

7 specification options | F-369

Open product family online

Electronic semiconductor



Product illustration

8 specification options | F-370

Open product family online

Integrated circuit



Product illustration

9 specification options | F-371

Open product family online

32 / Electronic components and repair

Product-family reference images - specify the exact variant in your RFQ.

Small electronic protection part



Product illustration

9 specification options | F-372

Open product family online

Electronic indicator / display



Product-type reference photograph

9 specification options | F-373

Open product family online

Electronic relay / switch

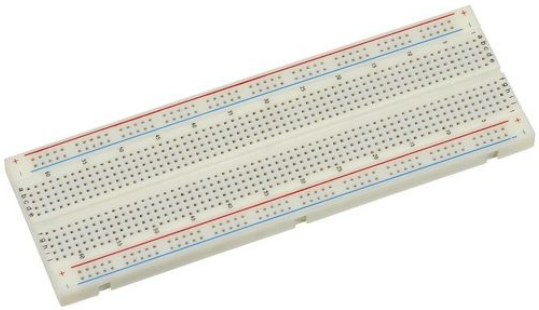


Product-type reference photograph

8 specification options | F-374

Open product family online

PCB / prototype accessory



Product-type reference photograph

11 specification options | F-375

Open product family online

32 / Electronic components and repair

Product-family reference images - specify the exact variant in your RFQ.

Low-voltage connector



Product-type reference photograph

9 specification options | F-376

Open product family online

Low-voltage power / educational module



Product illustration

6 specification options | F-377

Open product family online

Electronic cooling fan



Product illustration

5 specification options | F-378

Open product family online

Soldering and bench repair equipment



Product-type reference photograph

12 specification options | F-379

Open product family online

32 / Electronic components and repair

Product-family reference images - specify the exact variant in your RFQ.

Repair workbench consumable

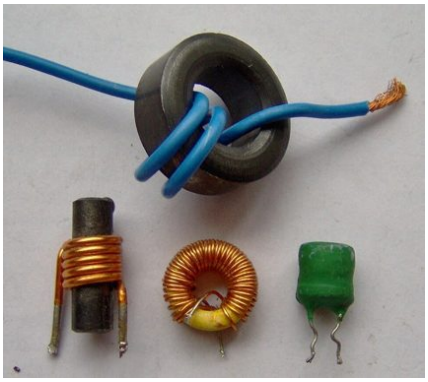


Product-type reference photograph

8 specification options | F-380

Open product family online

Inductors, chokes and ferrite components



Product-type reference photograph

4 specification options | F-456

Open product family online

Crystals / oscillators and resonators



Product illustration

3 specification options | F-457

Open product family online

Bench oscilloscope / LCR-ESR / signal generator



Product illustration

4 specification options | F-458

Open product family online

33 / Smart home controls

Product-family reference images - specify the exact variant in your RFQ.

Smart-home wall control



Product-type reference photograph

6 specification options | F-381

Open product family online

Smart-home outlet / module



Product illustration

5 specification options | F-382

Open product family online

Smart-home sensor



Product illustration

6 specification options | F-383

Open product family online

Smart-home gateway / controller



Product-type reference photograph

5 specification options | F-384

Open product family online

33 / Smart home controls

Product-family reference images - specify the exact variant in your RFQ.

KNX building automation



Product illustration

8 specification options | F-385

Open product family online

Smart heating / shading



Product-type reference photograph

4 specification options | F-386

Open product family online

Smart-home demonstration kit



Product illustration

1 specification options | F-387

Open product family online

34 / Tools and installation equipment

Product-family reference images - specify the exact variant in your RFQ.

Insulated screwdriver



Product illustration

7 specification options | F-388

Open product family online

Electrician hand tool

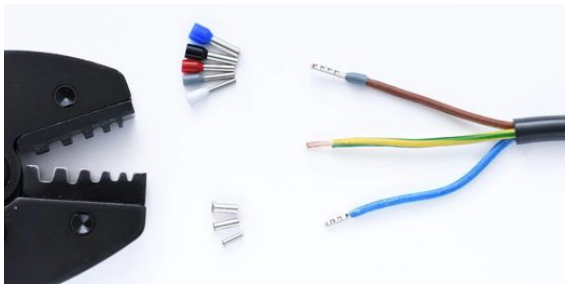


Product-type reference photograph

14 specification options | F-389

Open product family online

Cable termination tool

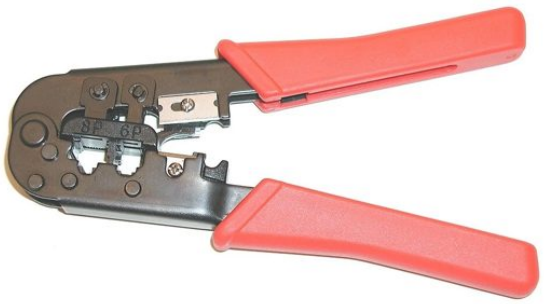


Product-type reference photograph

9 specification options | F-390

Open product family online

Data installation tool



Product-type reference photograph

6 specification options | F-391

Open product family online

34 / Tools and installation equipment

Product-family reference images - specify the exact variant in your RFQ.

Cable installation equipment



Product illustration

8 specification options | F-392

Open product family online

Conduit installation tool



Product-type reference photograph

6 specification options | F-393

Open product family online

Power tool



Product-type reference photograph

10 specification options | F-394

Open product family online

Tool accessory



Product-type reference photograph

12 specification options | F-395

Open product family online

34 / Tools and installation equipment

Product-family reference images - specify the exact variant in your RFQ.

Installation support equipment



Product illustration

6 specification options | F-396

Open product family online

Specialist installation equipment



Product illustration

7 specification options | F-397

Open product family online

Insulated torque screwdriver and matched bits



Product illustration

2 specification options | F-459

Open product family online

Industrial label printer and refills



Product illustration

5 specification options | F-460

Open product family online

35 / Testing and measuring equipment

Product-family reference images - specify the exact variant in your RFQ.

Electrical tester



Product illustration

4 specification options | F-398

Open product family online

Digital multimeter



Product-type reference photograph

3 specification options | F-399

Open product family online

Clamp meter



Product illustration

4 specification options | F-400

Open product family online

Insulation-resistance tester



Product illustration

2 specification options | F-401

Open product family online

35 / Testing and measuring equipment

Product-family reference images - specify the exact variant in your RFQ.

Installation tester



Product illustration

5 specification options | F-402

Open product family online

Electrical diagnostic instrument



Product illustration

7 specification options | F-403

Open product family online

Network / CCTV test instrument



Product-type reference photograph

5 specification options | F-404

Open product family online

Fibre / process test instrument



Product illustration

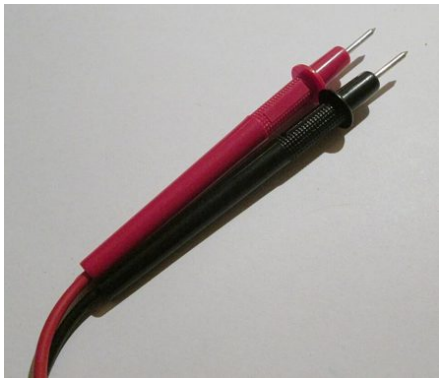
6 specification options | F-405

Open product family online

35 / Testing and measuring equipment

Product-family reference images - specify the exact variant in your RFQ.

Test instrument accessory



Product-type reference photograph

6 specification options | F-406

Open product family online

Portable appliance safety tester



Product illustration

2 specification options | F-461

Open product family online

36 / Fixings consumables and PPE

Product-family reference images - specify the exact variant in your RFQ.

Electrical insulating tape



Product-type reference photograph

7 specification options | F-407

Open product family online

Special tape



Product illustration

6 specification options | F-408

Open product family online

Nylon cable tie



Product-type reference photograph

7 specification options | F-409

Open product family online

Cable tie / clip accessory



Product-type reference photograph

7 specification options | F-410

Open product family online

36 / Fixings consumables and PPE

Product-family reference images - specify the exact variant in your RFQ.

Cable identification item



Product illustration

8 specification options | F-411

Open product family online

Fixing / fastener



Product-type reference photograph

12 specification options | F-412

Open product family online

Installation consumable



Product illustration

12 specification options | F-413

Open product family online

Lockout/tagout item



Product illustration

7 specification options | F-414

Open product family online

36 / Fixings consumables and PPE

Product-family reference images - specify the exact variant in your RFQ.

Personal protective equipment



Product-type reference photograph

7 specification options | F-415

Open product family online

Specialist electrical safety item



Product illustration

6 specification options | F-416

Open product family online

37 / Domestic appliances

Product-family reference images - specify the exact variant in your RFQ.

Small kitchen appliance



Product-type reference photograph

10 specification options | F-417

Open product family online

Domestic care appliance



Product-type reference photograph

6 specification options | F-418

Open product family online

Large household appliance



Product-type reference photograph

7 specification options | F-419

Open product family online

Air-conditioning appliance



Product-type reference photograph

6 specification options | F-420

Open product family online

37 / Domestic appliances

Product-family reference images - specify the exact variant in your RFQ.

Hospitality electrical product



Product-type reference photograph

4 specification options | F-421

Open product family online

Appliance OEM replacement part



Product illustration

9 specification options | F-422

Open product family online

38 / Utility and specialist project equipment

Product-family reference images - specify the exact variant in your RFQ.

Medium-voltage cable / accessory



Product-type reference photograph

6 specification options | F-423

Open product family online

Power distribution plant



Product-type reference photograph

9 specification options | F-424

Open product family online

Utility network accessory



Product illustration

8 specification options | F-425

Open product family online

Standby generation package



Product illustration

6 specification options | F-426

Open product family online

38 / Utility and specialist project equipment

Product-family reference images - specify the exact variant in your RFQ.

Industrial specialist equipment



Product-type reference photograph

9 specification options | F-427

Open product family online

Infrastructure electrical system



Product-type reference photograph

5 specification options | F-428

Open product family online

Full specification appendix

All entries below are copied from the website catalogue data. Reference IDs support enquiry matching; they do not certify stock, manufacturer identity or technical suitability.

Building wires

PVC copper building wire	Reference	Unit
1 core x 1.5 mm2; Red; 450/750 V	TNT-01-001	m
1 core x 1.5 mm2; Black; 450/750 V	TNT-01-002	m
1 core x 1.5 mm2; Green/yellow; 450/750 V	TNT-01-003	m
1 core x 2.5 mm2; Red; 450/750 V	TNT-01-004	m
1 core x 2.5 mm2; Black; 450/750 V	TNT-01-005	m
1 core x 2.5 mm2; Green/yellow; 450/750 V	TNT-01-006	m
1 core x 4 mm2; Red; 450/750 V	TNT-01-007	m
1 core x 4 mm2; Black; 450/750 V	TNT-01-008	m
1 core x 4 mm2; Green/yellow; 450/750 V	TNT-01-009	m
1 core x 6 mm2; Red; 450/750 V	TNT-01-010	m
1 core x 6 mm2; Black; 450/750 V	TNT-01-011	m
1 core x 6 mm2; Green/yellow; 450/750 V	TNT-01-012	m
1 core x 10 mm2; Red; 450/750 V	TNT-01-013	m
1 core x 10 mm2; Black; 450/750 V	TNT-01-014	m
1 core x 10 mm2; Green/yellow; 450/750 V	TNT-01-015	m
1 core x 16 mm2; Red; 450/750 V	TNT-01-016	m
1 core x 16 mm2; Black; 450/750 V	TNT-01-017	m
1 core x 16 mm2; Green/yellow; 450/750 V	TNT-01-018	m
1 core x 2.5 mm2; Yellow; 450/750 V	TNT-01-019	m
1 core x 2.5 mm2; Blue; 450/750 V	TNT-01-020	m
1 core x 4 mm2; Yellow; 450/750 V	TNT-01-021	m
1 core x 4 mm2; Blue; 450/750 V	TNT-01-022	m
1 core x 6 mm2; Yellow; 450/750 V	TNT-01-023	m
1 core x 6 mm2; Blue; 450/750 V	TNT-01-024	m
1 core x 10 mm2; Yellow; 450/750 V	TNT-01-025	m

PVC copper building wire	Reference	Unit
1 core x 10 mm2; Blue; 450/750 V	TNT-01-026	m
1 core x 16 mm2; Yellow; 450/750 V	TNT-01-027	m
1 core x 16 mm2; Blue; 450/750 V	TNT-01-028	m
1 core x 25 mm2; Yellow; 450/750 V	TNT-01-029	m
1 core x 25 mm2; Blue; 450/750 V	TNT-01-030	m
1 core x 35 mm2; Yellow; 450/750 V	TNT-01-031	m
1 core x 35 mm2; Blue; 450/750 V	TNT-01-032	m
1 core x 25 mm2; Red; fixed-wiring construction to confirm	TNT-01-052-R	m
1 core x 25 mm2; Black; fixed-wiring construction to confirm	TNT-01-052-B	m
1 core x 35 mm2; Red; fixed-wiring construction to confirm	TNT-01-053-R	m
1 core x 35 mm2; Black; fixed-wiring construction to confirm	TNT-01-053-B	m

Insulated copper earthing conductor	Reference	Unit
1 core x 25 mm2; green/yellow	TNT-01-033	m
1 core x 35 mm2; green/yellow	TNT-01-034	m
1 core x 50 mm2; green/yellow	TNT-01-035	m
1 core x 70 mm2; green/yellow	TNT-01-036	m
1 core x 95 mm2; green/yellow	TNT-01-037	m
1 core x 120 mm2; green/yellow	TNT-01-038	m

LSZH copper building wire	Reference	Unit
1 core x 1.5 mm2; colour to approved schedule	TNT-01-039	m
1 core x 2.5 mm2; colour to approved schedule	TNT-01-040	m
1 core x 4 mm2; colour to approved schedule	TNT-01-041	m
1 core x 6 mm2; colour to approved schedule	TNT-01-042	m
1 core x 10 mm2; colour to approved schedule	TNT-01-043	m
1 core x 16 mm2; colour to approved schedule	TNT-01-044	m

Flexible panel wire	Reference	Unit
1 core x 0.75 mm2; flexible; colour to panel schedule	TNT-01-045	m
1 core x 1 mm2; flexible; colour to panel schedule	TNT-01-046	m

Flexible panel wire	Reference	Unit
1 core x 1.5 mm2; flexible; colour to panel schedule	TNT-01-047	m
1 core x 2.5 mm2; flexible; colour to panel schedule	TNT-01-048	m
1 core x 4 mm2; flexible; colour to panel schedule	TNT-01-049	m
1 core x 6 mm2; flexible; colour to panel schedule	TNT-01-050	m

Power and flexible cables

PVC flexible appliance cable	Reference	Unit
2 core x 0.75 mm2	TNT-02-001	m
2 core x 1 mm2	TNT-02-002	m
2 core x 1.5 mm2	TNT-02-003	m
2 core x 2.5 mm2	TNT-02-004	m
3 core x 0.75 mm2	TNT-02-005	m
3 core x 1 mm2	TNT-02-006	m
3 core x 1.5 mm2	TNT-02-007	m
3 core x 2.5 mm2	TNT-02-008	m
4 core x 1.5 mm2; PVC flexible cable; duty/voltage/colour to selected construction	TNT-02-101	m
4 core x 2.5 mm2; PVC flexible cable; duty/voltage/colour to selected construction	TNT-02-102	m
4 core x 4 mm2; PVC flexible cable; duty/voltage/colour to selected construction	TNT-02-103	m
4 core x 6 mm2; PVC flexible cable; duty/voltage/colour to selected construction	TNT-02-104	m
5 core x 1.5 mm2; PVC flexible cable; duty/voltage/colour to selected construction	TNT-02-105	m
5 core x 2.5 mm2; PVC flexible cable; duty/voltage/colour to selected construction	TNT-02-106	m
5 core x 4 mm2; PVC flexible cable; duty/voltage/colour to selected construction	TNT-02-107	m
5 core x 6 mm2; PVC flexible cable; duty/voltage/colour to selected construction	TNT-02-108	m

Rubber heavy-duty flexible cable	Reference	Unit
3 core x 1.5 mm2; H07RN-F or approved equivalent	TNT-02-009	m
3 core x 2.5 mm2; H07RN-F or approved equivalent	TNT-02-010	m
3 core x 4 mm2; H07RN-F or approved equivalent	TNT-02-011	m
3 core x 6 mm2; H07RN-F or approved equivalent	TNT-02-012	m
4 core x 1.5 mm2; H07RN-F or approved equivalent	TNT-02-013	m
4 core x 2.5 mm2; H07RN-F or approved equivalent	TNT-02-014	m
4 core x 4 mm2; H07RN-F or approved equivalent	TNT-02-015	m
4 core x 6 mm2; H07RN-F or approved equivalent	TNT-02-016	m
5 core x 1.5 mm2; H07RN-F or approved equivalent	TNT-02-017	m
5 core x 2.5 mm2; H07RN-F or approved equivalent	TNT-02-018	m
5 core x 4 mm2; H07RN-F or approved equivalent	TNT-02-019	m

Rubber heavy-duty flexible cable	Reference	Unit
5 core x 6 mm2; H07RN-F or approved equivalent	TNT-02-020	m

Copper XLPE/SWA/PVC power cable	Reference	Unit
2 core x 2.5 mm2; 0.6/1 kV	TNT-02-021	m
2 core x 4 mm2; 0.6/1 kV	TNT-02-022	m
2 core x 6 mm2; 0.6/1 kV	TNT-02-023	m
2 core x 10 mm2; 0.6/1 kV	TNT-02-024	m
2 core x 16 mm2; 0.6/1 kV	TNT-02-025	m
2 core x 25 mm2; 0.6/1 kV	TNT-02-026	m
2 core x 35 mm2; 0.6/1 kV	TNT-02-027	m
3 core x 2.5 mm2; 0.6/1 kV	TNT-02-028	m
3 core x 4 mm2; 0.6/1 kV	TNT-02-029	m
3 core x 6 mm2; 0.6/1 kV	TNT-02-030	m
3 core x 10 mm2; 0.6/1 kV	TNT-02-031	m
3 core x 16 mm2; 0.6/1 kV	TNT-02-032	m
3 core x 25 mm2; 0.6/1 kV	TNT-02-033	m
3 core x 35 mm2; 0.6/1 kV	TNT-02-034	m
4 core x 2.5 mm2; 0.6/1 kV	TNT-02-035	m
4 core x 4 mm2; 0.6/1 kV	TNT-02-036	m
4 core x 6 mm2; 0.6/1 kV	TNT-02-037	m
4 core x 10 mm2; 0.6/1 kV	TNT-02-038	m
4 core x 16 mm2; 0.6/1 kV	TNT-02-039	m
4 core x 25 mm2; 0.6/1 kV	TNT-02-040	m
4 core x 35 mm2; 0.6/1 kV	TNT-02-041	m
4 core x 50 mm2; 0.6/1 kV	TNT-02-042	m
4 core x 70 mm2; 0.6/1 kV	TNT-02-043	m
4 core x 95 mm2; 0.6/1 kV	TNT-02-044	m
4 core x 120 mm2; 0.6/1 kV	TNT-02-045	m
4 core x 150 mm2; 0.6/1 kV	TNT-02-046	m
4 core x 185 mm2; 0.6/1 kV	TNT-02-047	m
4 core x 240 mm2; 0.6/1 kV	TNT-02-048	m

Copper XLPE/SWA/PVC power cable	Reference	Unit
4 core x 300 mm2; 0.6/1 kV	TNT-02-049	m

Single-core XLPE power cable	Reference	Unit
1 core x 35 mm2; unarmoured or AWA to design	TNT-02-050	m
1 core x 50 mm2; unarmoured or AWA to design	TNT-02-051	m
1 core x 70 mm2; unarmoured or AWA to design	TNT-02-052	m
1 core x 95 mm2; unarmoured or AWA to design	TNT-02-053	m
1 core x 120 mm2; unarmoured or AWA to design	TNT-02-054	m
1 core x 185 mm2; unarmoured or AWA to design	TNT-02-055	m
1 core x 240 mm2; unarmoured or AWA to design	TNT-02-056	m
1 core x 300 mm2; unarmoured or AWA to design	TNT-02-057	m
1 core x 400 mm2; unarmoured or AWA to design	TNT-02-058	m
1 core x 150 mm2; copper XLPE; unarmoured construction to order	TNT-02-109	m
1 core x 150 mm2; copper XLPE; AWA construction to order	TNT-02-110	m

Flat submersible pump cable	Reference	Unit
3 core x 1.5 mm2; application-rated	TNT-02-059	m
3 core x 2.5 mm2; application-rated	TNT-02-060	m
3 core x 4 mm2; application-rated	TNT-02-061	m
3 core x 6 mm2; application-rated	TNT-02-062	m

Welding cable	Reference	Unit
Flexible copper 16 mm2	TNT-02-063	m
Flexible copper 25 mm2	TNT-02-064	m
Flexible copper 35 mm2	TNT-02-065	m
Flexible copper 50 mm2	TNT-02-066	m
Flexible copper 70 mm2	TNT-02-067	m
Flexible copper 95 mm2	TNT-02-068	m

Heat-resistant silicone / glass-fibre cable	Reference	Unit
1.5 mm2	TNT-02-069	m

Heat-resistant silicone / glass-fibre cable	Reference	Unit
2.5 mm2	TNT-02-070	m
4 mm2	TNT-02-071	m

Aluminium LV power cable	Reference	Unit
4 core; 95-300 mm2 selected to project	TNT-02-072	m

Flat travelling cable	Reference	Unit
Lift / moving equipment; OEM specification	TNT-02-073	m

Marine / oil-resistant specialist cable	Reference	Unit
Certified marine or chemical-resistance construction	TNT-02-074	m

Multicore unarmoured fixed LV power cable	Reference	Unit
2 core x 2.5 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-075	m
2 core x 4 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-076	m
2 core x 6 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-077	m
2 core x 10 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-078	m
2 core x 16 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-079	m
2 core x 25 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-080	m
3 core x 2.5 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-081	m
3 core x 4 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-082	m
3 core x 6 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-083	m
3 core x 10 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-084	m
3 core x 16 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-085	m
3 core x 25 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-086	m

Multicore unarmoured fixed LV power cable	Reference	Unit
4 core x 2.5 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-087	m
4 core x 4 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-088	m
4 core x 6 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-089	m
4 core x 10 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-090	m
4 core x 16 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-091	m
4 core x 25 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-092	m
5 core x 2.5 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-093	m
5 core x 4 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-094	m
5 core x 6 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-095	m
5 core x 10 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-096	m
5 core x 16 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-097	m
5 core x 25 mm2; copper fixed unarmoured LV cable; PVC/XLPE construction and sheath to approved enquiry	TNT-02-098	m

Screened VFD / motor cable	Reference	Unit
Symmetrical screened motor cable; conductor arrangement and size to drive maker	TNT-02-099	m
Flexible screened servo power cable; duty, feedback separation and routing to design	TNT-02-100	m

Signal and specialist cables

Category 6 data cable	Reference	Unit
U/UTP; solid copper; indoor; 305 m nominal box	TNT-03-001	box
Outdoor UV-rated; solid copper	TNT-03-002	box
Shielded F/UTP; solid copper	TNT-03-003	box
LSZH sheath; solid copper	TNT-03-004	box

Category 6A data cable	Reference	Unit
U/UTP; solid copper	TNT-03-005	box
F/UTP; solid copper	TNT-03-006	box
S/FTP; solid copper	TNT-03-007	box

Coaxial cable	Reference	Unit
RG6 75 ohm TV	TNT-03-008	m
RG59 75 ohm CCTV	TNT-03-009	m
RG59 plus power pair	TNT-03-010	m

Satellite low-loss coaxial cable	Reference	Unit
RG11 75 ohm; outdoor where required	TNT-03-011	m

Telephone cable	Reference	Unit
2 pair	TNT-03-012	m
4 pair	TNT-03-013	m
10 pair	TNT-03-014	m
20 pair	TNT-03-015	m

Speaker cable	Reference	Unit
2 x 0.75 mm2	TNT-03-016	m
2 x 1.5 mm2	TNT-03-017	m
2 x 2.5 mm2	TNT-03-018	m

Screened microphone cable	Reference	Unit
Balanced 2 conductor plus screen	TNT-03-019	m

Fire-alarm / fire-resistant cable	Reference	Unit
2 core x 1.5 mm2; certified performance to design	TNT-03-020	m
2 core x 2.5 mm2; certified performance to design	TNT-03-021	m
4 core x 1.5 mm2; certified performance to design	TNT-03-022	m
4 core x 2.5 mm2; certified performance to design	TNT-03-023	m

Instrumentation cable	Reference	Unit
1 pair x 0.5 mm2 screened	TNT-03-024	m
1 pair x 1.0 mm2 screened	TNT-03-025	m
2 pair x 1.5 mm2 screened	TNT-03-026	m
4 pair x 1.5 mm2 screened	TNT-03-027	m
8 pair; approved specification	TNT-03-028	m

Multicore control cable	Reference	Unit
5 core x 1.5 mm2	TNT-03-029	m
7 core x 1.5 mm2	TNT-03-030	m
12 core x 1.5 mm2	TNT-03-031	m
19 core x 1.5 mm2	TNT-03-032	m
27 core x 1.5 mm2	TNT-03-033	m
CY screened flexible control cable; core count/size to application	TNT-03-050	m
SY braided flexible control cable; mechanical braid and suitability to installation	TNT-03-051	m

Communication bus cable	Reference	Unit
RS-485 / Modbus; specified impedance	TNT-03-034	m
KNX certified bus cable	TNT-03-035	m
DALI control cable; design-rated	TNT-03-036	m
RS-232 screened cable	TNT-03-037	m

Fibre optic cable	Reference	Unit
OS2 single-mode; 4 core	TNT-03-038	m

Fibre optic cable	Reference	Unit
OS2 single-mode; 6 core	TNT-03-039	m
OS2 single-mode; 12 core	TNT-03-040	m
OS2 single-mode; 24 core	TNT-03-041	m
OM3 multimode; 6 core	TNT-03-042	m
OM4 multimode; 12 core	TNT-03-043	m
Single-mode FTTH indoor drop cable; fibre count/bend class to system	TNT-03-052	m
Single-mode FTTH indoor/outdoor drop cable; strength member/environment to design	TNT-03-053	m

Fire-survival power cable	Reference	Unit
Certified circuit-integrity construction; cores and size to design	TNT-03-044	m

Thermocouple extension cable	Reference	Unit
K-type matched extension / compensation cable	TNT-03-045	m

Intruder-alarm / bell small-core cable	Reference	Unit
4-core intruder-alarm cable; conductor/screen to panel maker	TNT-03-046	m
6-core intruder-alarm cable; conductor/screen to panel maker	TNT-03-047	m
8-core intruder-alarm cable; conductor/screen to panel maker	TNT-03-048	m
2-core bell/control cable; circuit voltage and conductor resistance to selected equipment	TNT-03-049	m

PVC conduits and boxes

Rigid heavy-duty PVC conduit	Reference	Unit
20 mm; supplier-confirmed standard length	TNT-04-001	length
25 mm; supplier-confirmed standard length	TNT-04-013	length
32 mm; supplier-confirmed standard length	TNT-04-025	length
40 mm; supplier-confirmed standard length	TNT-04-037	length
50 mm; supplier-confirmed standard length	TNT-04-049	length

PVC Straight coupler	Reference	Unit
20 mm; matching conduit system	TNT-04-002	pc
25 mm; matching conduit system	TNT-04-014	pc
32 mm; matching conduit system	TNT-04-026	pc
40 mm; matching conduit system	TNT-04-038	pc
50 mm; matching conduit system	TNT-04-050	pc

PVC Long-radius bend	Reference	Unit
20 mm; matching conduit system	TNT-04-003	pc
25 mm; matching conduit system	TNT-04-015	pc
32 mm; matching conduit system	TNT-04-027	pc
40 mm; matching conduit system	TNT-04-039	pc
50 mm; matching conduit system	TNT-04-051	pc

PVC Inspection elbow	Reference	Unit
20 mm; matching conduit system	TNT-04-004	pc
25 mm; matching conduit system	TNT-04-016	pc
32 mm; matching conduit system	TNT-04-028	pc
40 mm; matching conduit system	TNT-04-040	pc
50 mm; matching conduit system	TNT-04-052	pc

PVC Inspection tee	Reference	Unit
20 mm; matching conduit system	TNT-04-005	pc
25 mm; matching conduit system	TNT-04-017	pc

PVC Inspection tee	Reference	Unit
32 mm; matching conduit system	TNT-04-029	pc
40 mm; matching conduit system	TNT-04-041	pc
50 mm; matching conduit system	TNT-04-053	pc

PVC Male adaptor with locknut	Reference	Unit
20 mm; matching conduit system	TNT-04-006	pc
25 mm; matching conduit system	TNT-04-018	pc
32 mm; matching conduit system	TNT-04-030	pc
40 mm; matching conduit system	TNT-04-042	pc
50 mm; matching conduit system	TNT-04-054	pc

PVC Female adaptor	Reference	Unit
20 mm; matching conduit system	TNT-04-007	pc
25 mm; matching conduit system	TNT-04-019	pc
32 mm; matching conduit system	TNT-04-031	pc
40 mm; matching conduit system	TNT-04-043	pc
50 mm; matching conduit system	TNT-04-055	pc

PVC Conduit saddle	Reference	Unit
20 mm; matching conduit system	TNT-04-008	pc
25 mm; matching conduit system	TNT-04-020	pc
32 mm; matching conduit system	TNT-04-032	pc
40 mm; matching conduit system	TNT-04-044	pc
50 mm; matching conduit system	TNT-04-056	pc

PVC Round junction box - 1 way	Reference	Unit
20 mm; matching conduit system	TNT-04-009	pc
25 mm; matching conduit system	TNT-04-021	pc
32 mm; matching conduit system	TNT-04-033	pc
40 mm; matching conduit system	TNT-04-045	pc
50 mm; matching conduit system	TNT-04-057	pc

PVC Round junction box - 2 way	Reference	Unit
20 mm; matching conduit system	TNT-04-010	pc
25 mm; matching conduit system	TNT-04-022	pc
32 mm; matching conduit system	TNT-04-034	pc
40 mm; matching conduit system	TNT-04-046	pc
50 mm; matching conduit system	TNT-04-058	pc

PVC Round junction box - 3 way	Reference	Unit
20 mm; matching conduit system	TNT-04-011	pc
25 mm; matching conduit system	TNT-04-023	pc
32 mm; matching conduit system	TNT-04-035	pc
40 mm; matching conduit system	TNT-04-047	pc
50 mm; matching conduit system	TNT-04-059	pc

PVC Round junction box - 4 way	Reference	Unit
20 mm; matching conduit system	TNT-04-012	pc
25 mm; matching conduit system	TNT-04-024	pc
32 mm; matching conduit system	TNT-04-036	pc
40 mm; matching conduit system	TNT-04-048	pc
50 mm; matching conduit system	TNT-04-060	pc

PVC conduit reducer	Reference	Unit
25 to 20 mm	TNT-04-061	pc
32 to 25 mm	TNT-04-062	pc
40 to 32 mm	TNT-04-063	pc
50 to 40 mm	TNT-04-064	pc

PVC junction-box lid	Reference	Unit
Round; matching box	TNT-04-065	pc
Square; matching box	TNT-04-066	pc

PVC surface pattress box	Reference	Unit
1 gang; 25 mm deep	TNT-04-067	pc

PVC surface pattress box	Reference	Unit
1 gang; 35 mm deep	TNT-04-068	pc
2 gang; 25 mm deep	TNT-04-069	pc
2 gang; 35 mm deep	TNT-04-070	pc
2 gang; 47 mm deep	TNT-04-071	pc

Dry-lining mounting box	Reference	Unit
1 gang; 35 mm	TNT-04-072	pc
2 gang; 35 mm	TNT-04-073	pc
1 gang; 47 mm	TNT-04-074	pc
2 gang; 47 mm	TNT-04-075	pc

PVC adaptable junction box	Reference	Unit
75 x 75 mm	TNT-04-076	pc
100 x 100 mm	TNT-04-077	pc
150 x 150 mm	TNT-04-078	pc
200 x 200 mm	TNT-04-079	pc

PVC corrugated flexible conduit	Reference	Unit
16 mm	TNT-04-080	m
20 mm	TNT-04-081	m
25 mm	TNT-04-082	m
32 mm	TNT-04-083	m

Flexible conduit connector - PVC	Reference	Unit
16 mm	TNT-04-084	pc
20 mm	TNT-04-085	pc
25 mm	TNT-04-086	pc
32 mm	TNT-04-087	pc

Electrical underground duct	Reference	Unit
63 mm	TNT-04-088	length
110 mm	TNT-04-089	length

Electrical underground duct	Reference	Unit
160 mm	TNT-04-090	length

Underground duct accessories	Reference	Unit
Coupler	TNT-04-091	pc
End cap	TNT-04-092	pc
Bell mouth	TNT-04-093	pc
Duct spacer	TNT-04-094	pc
Draw rope	TNT-04-095	pc

Concrete slab conduit box	Reference	Unit
Ceiling/fan box; rated support separate	TNT-04-096	pc
Deep octagonal junction box	TNT-04-097	pc

Sealed underground cable / duct-entry system	Reference	Unit
Modular cable-entry seal; actual opening and cable diameters	TNT-04-098	set
Round duct seal; installed cable/duct arrangement	TNT-04-099	set
Compatible blanking modules and compression accessories	TNT-04-100	set

Metal and flexible conduits

Threaded GI conduit	Reference	Unit
20 mm; matching threaded system	TNT-05-001	length
25 mm; matching threaded system	TNT-05-008	length
32 mm; matching threaded system	TNT-05-015	length
40 mm; matching threaded system	TNT-05-022	length
50 mm; matching threaded system	TNT-05-029	length

GI threaded coupler	Reference	Unit
20 mm; matching threaded system	TNT-05-002	pc
25 mm; matching threaded system	TNT-05-009	pc
32 mm; matching threaded system	TNT-05-016	pc
40 mm; matching threaded system	TNT-05-023	pc
50 mm; matching threaded system	TNT-05-030	pc

GI inspection elbow	Reference	Unit
20 mm; matching threaded system	TNT-05-003	pc
25 mm; matching threaded system	TNT-05-010	pc
32 mm; matching threaded system	TNT-05-017	pc
40 mm; matching threaded system	TNT-05-024	pc
50 mm; matching threaded system	TNT-05-031	pc
Long-radius GI conduit bend; 20 mm; thread/coating/radius to conduit system	TNT-05-074	pc
Long-radius GI conduit bend; 25 mm; thread/coating/radius to conduit system	TNT-05-075	pc
Long-radius GI conduit bend; 32 mm; thread/coating/radius to conduit system	TNT-05-076	pc
Long-radius GI conduit bend; 40 mm; thread/coating/radius to conduit system	TNT-05-077	pc
Long-radius GI conduit bend; 50 mm; thread/coating/radius to conduit system	TNT-05-078	pc

GI inspection tee	Reference	Unit
20 mm; matching threaded system	TNT-05-004	pc
25 mm; matching threaded system	TNT-05-011	pc
32 mm; matching threaded system	TNT-05-018	pc

GI inspection tee	Reference	Unit
40 mm; matching threaded system	TNT-05-025	pc
50 mm; matching threaded system	TNT-05-032	pc

GI conduit saddle	Reference	Unit
20 mm; matching threaded system	TNT-05-005	pc
25 mm; matching threaded system	TNT-05-012	pc
32 mm; matching threaded system	TNT-05-019	pc
40 mm; matching threaded system	TNT-05-026	pc
50 mm; matching threaded system	TNT-05-033	pc

GI locknut and bush	Reference	Unit
20 mm; matching threaded system	TNT-05-006	pc
25 mm; matching threaded system	TNT-05-013	pc
32 mm; matching threaded system	TNT-05-020	pc
40 mm; matching threaded system	TNT-05-027	pc
50 mm; matching threaded system	TNT-05-034	pc

GI circular junction box	Reference	Unit
20 mm; matching threaded system	TNT-05-007	pc
25 mm; matching threaded system	TNT-05-014	pc
32 mm; matching threaded system	TNT-05-021	pc
40 mm; matching threaded system	TNT-05-028	pc
50 mm; matching threaded system	TNT-05-035	pc
GI conduit-box extension ring; circular box thread/depth to match	TNT-05-079	pc
GI switch-box extension ring; size/depth to match	TNT-05-080	pc

GI reducer / nipple	Reference	Unit
25 to 20 mm	TNT-05-036	pc
32 to 25 mm	TNT-05-037	pc
40 to 32 mm	TNT-05-038	pc
50 to 40 mm	TNT-05-039	pc

GI back box - flush	Reference	Unit
1 gang; 35 mm	TNT-05-040	pc
1 gang; 47 mm	TNT-05-041	pc
2 gang; 35 mm	TNT-05-042	pc
2 gang; 47 mm	TNT-05-043	pc

GI adaptable box with lid	Reference	Unit
100 x 100 x 50 mm	TNT-05-044	pc
150 x 150 x 75 mm	TNT-05-045	pc
200 x 200 x 100 mm	TNT-05-046	pc
300 x 300 x 150 mm	TNT-05-047	pc

Bare galvanized flexible conduit	Reference	Unit
16 mm	TNT-05-048	m
20 mm	TNT-05-049	m
25 mm	TNT-05-050	m
32 mm	TNT-05-051	m
40 mm	TNT-05-052	m
50 mm	TNT-05-053	m

PVC-coated metal flexible conduit	Reference	Unit
16 mm	TNT-05-054	m
20 mm	TNT-05-055	m
25 mm	TNT-05-056	m
32 mm	TNT-05-057	m
40 mm	TNT-05-058	m
50 mm	TNT-05-059	m

Metal flexible conduit connector	Reference	Unit
16 mm straight	TNT-05-060	pc
20 mm straight	TNT-05-061	pc
25 mm straight	TNT-05-062	pc

Metal flexible conduit connector	Reference	Unit
32 mm straight	TNT-05-063	pc
20 mm 90-degree	TNT-05-064	pc
25 mm 90-degree	TNT-05-065	pc

Liquid-tight flexible conduit	Reference	Unit
20 mm	TNT-05-066	m
25 mm	TNT-05-067	m
32 mm	TNT-05-068	m

Liquid-tight conduit fitting	Reference	Unit
20 mm straight	TNT-05-069	pc
25 mm straight	TNT-05-070	pc
32 mm straight	TNT-05-071	pc
20 mm 90-degree	TNT-05-072	pc
25 mm 90-degree	TNT-05-073	pc

Trunking trays and supports

PVC mini / maxi trunking with lid	Reference	Unit
16 x 16 mm; standard length	TNT-06-001	length
25 x 16 mm; standard length	TNT-06-002	length
25 x 25 mm; standard length	TNT-06-003	length
38 x 25 mm; standard length	TNT-06-004	length
40 x 40 mm; standard length	TNT-06-005	length
50 x 50 mm; standard length	TNT-06-006	length
75 x 50 mm; standard length	TNT-06-007	length
100 x 50 mm; standard length	TNT-06-008	length
100 x 100 mm; standard length	TNT-06-009	length

PVC trunking system fittings	Reference	Unit
Internal bend	TNT-06-010	pc
External bend	TNT-06-011	pc
Flat bend	TNT-06-012	pc
Tee	TNT-06-013	pc
Coupler	TNT-06-014	pc
End cap	TNT-06-015	pc
Divider	TNT-06-016	pc

Floor cable protector	Reference	Unit
Single channel rubber	TNT-06-017	pc
3-channel heavy-duty	TNT-06-018	pc
5-channel heavy-duty	TNT-06-019	pc
Low-profile office floor trunking	TNT-06-020	pc

Slotted panel wiring duct	Reference	Unit
25 x 25 mm	TNT-06-021	length
40 x 40 mm	TNT-06-022	length
60 x 40 mm	TNT-06-023	length

Slotted panel wiring duct	Reference	Unit
60 x 60 mm	TNT-06-024	length
80 x 60 mm	TNT-06-025	length
100 x 60 mm	TNT-06-026	length

Perforated steel cable tray	Reference	Unit
50 mm width; depth/thickness/coating to order	TNT-06-027	length
100 mm width; depth/thickness/coating to order	TNT-06-028	length
150 mm width; depth/thickness/coating to order	TNT-06-029	length
200 mm width; depth/thickness/coating to order	TNT-06-030	length
300 mm width; depth/thickness/coating to order	TNT-06-031	length
450 mm width; depth/thickness/coating to order	TNT-06-032	length
600 mm width; depth/thickness/coating to order	TNT-06-033	length

Wire-mesh cable basket	Reference	Unit
100 mm width; finish to order	TNT-06-034	length
200 mm width; finish to order	TNT-06-035	length
300 mm width; finish to order	TNT-06-036	length
450 mm width; finish to order	TNT-06-037	length
600 mm width; finish to order	TNT-06-038	length

Cable ladder	Reference	Unit
150 mm width; rung pitch and loading to order	TNT-06-039	length
300 mm width; rung pitch and loading to order	TNT-06-040	length
450 mm width; rung pitch and loading to order	TNT-06-041	length
600 mm width; rung pitch and loading to order	TNT-06-042	length
900 mm width; rung pitch and loading to order	TNT-06-043	length

Tray / ladder accessory	Reference	Unit
Cover	TNT-06-044	pc
Coupler and bolts	TNT-06-045	pc
Horizontal elbow	TNT-06-046	pc

Tray / ladder accessory	Reference	Unit
Vertical internal bend	TNT-06-047	pc
Vertical external bend	TNT-06-048	pc
Tee	TNT-06-049	pc
Cross	TNT-06-050	pc
Reducer	TNT-06-051	pc
End plate	TNT-06-052	pc
Earth continuity link	TNT-06-053	pc

Steel trunking with cover	Reference	Unit
50 x 50 mm	TNT-06-054	length
100 x 50 mm	TNT-06-055	length
100 x 100 mm	TNT-06-056	length
150 x 100 mm	TNT-06-057	length
200 x 100 mm	TNT-06-058	length

Strut channel	Reference	Unit
41 x 21 mm; slotted	TNT-06-059	length
41 x 41 mm; slotted	TNT-06-060	length
41 x 41 mm; stainless steel	TNT-06-061	length
Metallic cable-support and fixing package; tested system/evidence to project	TNT-06-076	set

Channel support accessories	Reference	Unit
M8 spring nut	TNT-06-062	pc
M10 spring nut	TNT-06-063	pc
M12 spring nut	TNT-06-064	pc
Angle bracket	TNT-06-065	pc
Flat joining plate	TNT-06-066	pc
Cantilever bracket	TNT-06-067	pc
Beam clamp	TNT-06-068	pc

Threaded suspension rod	Reference	Unit
M6	TNT-06-069	length
M8	TNT-06-070	length
M10	TNT-06-071	length
M12	TNT-06-072	length

Dado / skirting power-data trunking system	Reference	Unit
Dado trunking body with segregation; profile to project	TNT-06-073	m
Skirting trunking body; profile to project	TNT-06-074	m
Matching outlet boxes, dividers and fittings package	TNT-06-075	set

Switches sockets and isolators

White plate light switch - 10AX	Reference	Unit
1 gang 1 way	TNT-07-001	pc
1 gang 2 way	TNT-07-002	pc
2 gang 1 way	TNT-07-003	pc
2 gang 2 way	TNT-07-004	pc
3 gang 1 way	TNT-07-005	pc
3 gang 2 way	TNT-07-006	pc
4 gang 1 way	TNT-07-007	pc
Weatherproof 1-gang lighting switch; actual mounting/IP/entries	TNT-07-066	pc
Weatherproof 2-gang lighting switch; actual mounting/IP/entries	TNT-07-067	pc

Intermediate light switch	Reference	Unit
1 gang; 10AX	TNT-07-008	pc

Bell push switch	Reference	Unit
1 gang; momentary	TNT-07-009	pc

13 A switched socket - double-pole switching	Reference	Unit
1 gang; BS 1363	TNT-07-010	pc
2 gang; BS 1363	TNT-07-011	pc

13 A switched socket with USB	Reference	Unit
USB-A and USB-C	TNT-07-012	pc
USB-C PD; output rating declared	TNT-07-013	pc

13 A metal-clad switched socket	Reference	Unit
1 gang	TNT-07-014	pc
2 gang	TNT-07-015	pc

13 A weatherproof switched socket	Reference	Unit
1 gang; IP-rated enclosure	TNT-07-016	pc

13 A weatherproof switched socket	Reference	Unit
2 gang; IP-rated enclosure	TNT-07-017	pc

Fused connection unit	Reference	Unit
13 A switched with indicator	TNT-07-018	pc
13 A switched without indicator	TNT-07-019	pc
13 A unswitched	TNT-07-020	pc
13 A switched with flex outlet	TNT-07-021	pc

Double-pole appliance switch	Reference	Unit
20 A with indicator	TNT-07-022	pc
32 A with indicator	TNT-07-023	pc
45 A with indicator	TNT-07-024	pc

Cooker control unit	Reference	Unit
45 A switch plus 13 A socket	TNT-07-025	pc
45 A switch without socket	TNT-07-026	pc

Fan isolator	Reference	Unit
3 pole; 10 A	TNT-07-027	pc

Weatherproof rotary isolator	Reference	Unit
2 pole 20 A	TNT-07-028	pc
2 pole 32 A	TNT-07-029	pc
2 pole 40 A	TNT-07-030	pc
2 pole 63 A	TNT-07-031	pc
4 pole 20 A	TNT-07-032	pc
4 pole 32 A	TNT-07-033	pc
4 pole 63 A	TNT-07-034	pc

LED-compatible dimmer	Reference	Unit
Leading/trailing-edge compatible model; minimum/maximum load declared	TNT-07-035	pc

Ceiling fan regulator	Reference	Unit
Compatible electronic type	TNT-07-036	pc
Compatible stepped type	TNT-07-037	pc

Wiring-device front plate	Reference	Unit
1-gang blank	TNT-07-038	pc
2-gang blank	TNT-07-039	pc
Modular blank insert	TNT-07-040	pc
Flex outlet plate	TNT-07-041	pc
Dedicated cooker connection outlet; 45 A class; cable capacity/cord grip/box to model	TNT-07-061	pc

Data/TV/telephone plate	Reference	Unit
1-port RJ45	TNT-07-042	pc
2-port RJ45	TNT-07-043	pc
TV coaxial	TNT-07-044	pc
Satellite F outlet	TNT-07-045	pc
Telephone RJ11	TNT-07-046	pc
Combined TV/satellite/data	TNT-07-047	pc

Bathroom shaver supply unit	Reference	Unit
Isolating-transformer type; approved model	TNT-07-048	pc

Hotel key-card energy switch	Reference	Unit
Contactor-controlled model	TNT-07-049	pc

Decorative wiring devices	Reference	Unit
Brushed metal series	TNT-07-050	pc
Black series	TNT-07-051	pc
Glass/touch series	TNT-07-052	pc
Grid switch module; rated load and exact range	TNT-07-062	pc
Grid mounting frame; matching modules/plate	TNT-07-063	pc
Grid front plate; matching frame/gang	TNT-07-064	pc
Labelled appliance control module; function and current to model	TNT-07-065	pc

Floor outlet box	Reference	Unit
Power + data; compatible floor depth	TNT-07-053	pc

Ceiling pull-cord switches / isolators	Reference	Unit
Lighting pull-cord switch; 1-way; rating and ceiling mounting to model	TNT-07-054	pc
Lighting pull-cord switch; 2-way; rating and mounting to model	TNT-07-055	pc
Double-pole ceiling pull isolator; load rating to approved circuit	TNT-07-056	pc
Triple-pole fan pull isolator; equipment/circuit to design	TNT-07-057	pc

Desktop / pop-up power and data units	Reference	Unit
Fixed desktop power/data unit; local socket system	TNT-07-058	set
Recessed pop-up power/data unit; mounting opening to furniture	TNT-07-059	set
Matching USB/data modules and mounting kit	TNT-07-060	set

Plugs site power and extensions

13 A fused rewirable plug	Reference	Unit
White; BS 1363	TNT-08-001	pc
Black; BS 1363	TNT-08-002	pc
Heavy-duty rubberized; BS 1363	TNT-08-003	pc

BS 1362 plug fuse	Reference	Unit
3 A	TNT-08-004	pc
5 A	TNT-08-005	pc
13 A	TNT-08-006	pc

BS socket extension lead	Reference	Unit
3 outlet; 2 m	TNT-08-007	pc
4 outlet; 3 m	TNT-08-008	pc
4 outlet; 5 m	TNT-08-009	pc
6 outlet; 3 m	TNT-08-010	pc
6 outlet; 5 m	TNT-08-011	pc

Surge-protected BS extension lead	Reference	Unit
4 outlet	TNT-08-012	pc
6 outlet	TNT-08-013	pc
8 outlet	TNT-08-014	pc

Cable reel - BS outlets	Reference	Unit
10 m	TNT-08-015	pc
25 m	TNT-08-016	pc
50 m	TNT-08-017	pc

RCD-protected extension unit	Reference	Unit
Portable outdoor/workshop type	TNT-08-018	pc

Industrial plug	Reference	Unit
16 A; 2P+E; blue 200-250 V; keying/IP to order	TNT-08-019	pc
16 A; 3P+N+E; red 380-415 V; keying/IP to order	TNT-08-020	pc
32 A; 2P+E; blue 200-250 V; keying/IP to order	TNT-08-025	pc
32 A; 3P+N+E; red 380-415 V; keying/IP to order	TNT-08-026	pc
63 A; 2P+E; blue 200-250 V; keying/IP to order	TNT-08-031	pc
63 A; 3P+N+E; red 380-415 V; keying/IP to order	TNT-08-032	pc
125 A industrial plug; poles/clock position/voltage/IP to exact enquiry	TNT-08-052	pc

Industrial socket	Reference	Unit
16 A; 2P+E; blue 200-250 V; keying/IP to order	TNT-08-021	pc
16 A; 3P+N+E; red 380-415 V; keying/IP to order	TNT-08-022	pc
32 A; 2P+E; blue 200-250 V; keying/IP to order	TNT-08-027	pc
32 A; 3P+N+E; red 380-415 V; keying/IP to order	TNT-08-028	pc
63 A; 2P+E; blue 200-250 V; keying/IP to order	TNT-08-033	pc
63 A; 3P+N+E; red 380-415 V; keying/IP to order	TNT-08-034	pc
125 A industrial socket; poles/clock position/voltage/IP to exact enquiry	TNT-08-053	pc

Industrial cable coupler	Reference	Unit
16 A; 2P+E; blue 200-250 V; keying/IP to order	TNT-08-023	pc
16 A; 3P+N+E; red 380-415 V; keying/IP to order	TNT-08-024	pc
32 A; 2P+E; blue 200-250 V; keying/IP to order	TNT-08-029	pc
32 A; 3P+N+E; red 380-415 V; keying/IP to order	TNT-08-030	pc
63 A; 2P+E; blue 200-250 V; keying/IP to order	TNT-08-035	pc
63 A; 3P+N+E; red 380-415 V; keying/IP to order	TNT-08-036	pc
125 A industrial coupler; poles/clock position/voltage/IP to exact enquiry	TNT-08-054	pc

Industrial 4-pin plug/socket set	Reference	Unit
16 A; 3P+E	TNT-08-037	set
32 A; 3P+E	TNT-08-038	set
63 A; 3P+E	TNT-08-039	set

Interlocked industrial socket	Reference	Unit
16 A; 5 pin	TNT-08-040	pc
32 A; 5 pin	TNT-08-041	pc
63 A; 5 pin	TNT-08-042	pc

110 V construction-site plug / socket	Reference	Unit
16 A yellow	TNT-08-043	pc
32 A yellow	TNT-08-044	pc

Construction-site transformer	Reference	Unit
3.3 kVA; centre-tapped 110 V	TNT-08-045	pc
5 kVA; centre-tapped 110 V	TNT-08-046	pc

Portable site distribution box	Reference	Unit
Engineered RCD/overcurrent-protected outlets	TNT-08-047	pc

Appliance power cord	Reference	Unit
BS plug to IEC C13	TNT-08-048	pc
BS plug to IEC C5	TNT-08-049	pc
BS plug to IEC C7	TNT-08-050	pc
BS plug to IEC C19	TNT-08-051	pc

Circuit protection and surge devices

Miniature circuit breaker	Reference	Unit
1 pole; 6 A; curve and 6/10 kA duty to design	TNT-09-001	pc
1 pole; 10 A; curve and 6/10 kA duty to design	TNT-09-002	pc
1 pole; 16 A; curve and 6/10 kA duty to design	TNT-09-003	pc
1 pole; 20 A; curve and 6/10 kA duty to design	TNT-09-004	pc
1 pole; 25 A; curve and 6/10 kA duty to design	TNT-09-005	pc
1 pole; 32 A; curve and 6/10 kA duty to design	TNT-09-006	pc
1 pole; 40 A; curve and 6/10 kA duty to design	TNT-09-007	pc
1 pole; 50 A; curve and 6/10 kA duty to design	TNT-09-008	pc
1 pole; 63 A; curve and 6/10 kA duty to design	TNT-09-009	pc
2 pole; 6 A; curve and 6/10 kA duty to design	TNT-09-010	pc
2 pole; 10 A; curve and 6/10 kA duty to design	TNT-09-011	pc
2 pole; 16 A; curve and 6/10 kA duty to design	TNT-09-012	pc
2 pole; 20 A; curve and 6/10 kA duty to design	TNT-09-013	pc
2 pole; 25 A; curve and 6/10 kA duty to design	TNT-09-014	pc
2 pole; 32 A; curve and 6/10 kA duty to design	TNT-09-015	pc
2 pole; 40 A; curve and 6/10 kA duty to design	TNT-09-016	pc
2 pole; 50 A; curve and 6/10 kA duty to design	TNT-09-017	pc
2 pole; 63 A; curve and 6/10 kA duty to design	TNT-09-018	pc
3 pole; 6 A; curve and 6/10 kA duty to design	TNT-09-019	pc
3 pole; 10 A; curve and 6/10 kA duty to design	TNT-09-020	pc
3 pole; 16 A; curve and 6/10 kA duty to design	TNT-09-021	pc
3 pole; 20 A; curve and 6/10 kA duty to design	TNT-09-022	pc
3 pole; 25 A; curve and 6/10 kA duty to design	TNT-09-023	pc
3 pole; 32 A; curve and 6/10 kA duty to design	TNT-09-024	pc
3 pole; 40 A; curve and 6/10 kA duty to design	TNT-09-025	pc
3 pole; 50 A; curve and 6/10 kA duty to design	TNT-09-026	pc
3 pole; 63 A; curve and 6/10 kA duty to design	TNT-09-027	pc
4 pole; 6 A; curve and 6/10 kA duty to design	TNT-09-028	pc

Miniature circuit breaker	Reference	Unit
4 pole; 10 A; curve and 6/10 kA duty to design	TNT-09-029	pc
4 pole; 16 A; curve and 6/10 kA duty to design	TNT-09-030	pc
4 pole; 20 A; curve and 6/10 kA duty to design	TNT-09-031	pc
4 pole; 25 A; curve and 6/10 kA duty to design	TNT-09-032	pc
4 pole; 32 A; curve and 6/10 kA duty to design	TNT-09-033	pc
4 pole; 40 A; curve and 6/10 kA duty to design	TNT-09-034	pc
4 pole; 50 A; curve and 6/10 kA duty to design	TNT-09-035	pc
4 pole; 63 A; curve and 6/10 kA duty to design	TNT-09-036	pc

RCBO	Reference	Unit
1P+N; 16 A; 30 mA Type A; breaking duty to design	TNT-09-037	pc
1P+N; 20 A; 30 mA Type A; breaking duty to design	TNT-09-038	pc
1P+N; 32 A; 30 mA Type A; breaking duty to design	TNT-09-039	pc
1P+N; 40 A; 30 mA Type A; breaking duty to design	TNT-09-040	pc
1P+N; 6 A; 30 mA Type A	TNT-09-041	pc
1P+N; 10 A; 30 mA Type A	TNT-09-042	pc
1P+N; 25 A; 30 mA Type A	TNT-09-043	pc
1P+N; 50 A; 30 mA Type A	TNT-09-044	pc
1P+N; 63 A; 30 mA Type A	TNT-09-045	pc

RCCB	Reference	Unit
2 pole; 40 A; 30 mA Type A	TNT-09-046	pc
2 pole; 63 A; 30 mA Type A	TNT-09-047	pc
2 pole; 100 A; 30 mA Type A	TNT-09-048	pc
4 pole; 40 A; 30 mA Type A	TNT-09-049	pc
4 pole; 63 A; 30 mA Type A	TNT-09-050	pc
4 pole; 100 A; 30 mA Type A	TNT-09-051	pc

Selective / specialist RCD	Reference	Unit
4 pole; 100/300 mA selective; design only	TNT-09-052	pc
Type F device; application selected	TNT-09-053	pc

Selective / specialist RCD	Reference	Unit
Type B device; application selected	TNT-09-054	pc

Type 2 AC surge protective device	Reference	Unit
Single-phase system kit	TNT-09-055	pc
Three-phase system kit	TNT-09-056	pc
Matching replacement cartridge	TNT-09-057	pc

Type 1+2 AC surge protective device	Reference	Unit
Single-phase system kit	TNT-09-058	pc
Three-phase system kit	TNT-09-059	pc

Data / signal surge protector	Reference	Unit
Ethernet/PoE rated	TNT-09-060	pc
Coaxial rated	TNT-09-061	pc
24 V instrumentation loop rated	TNT-09-062	pc

Moulded-case circuit breaker	Reference	Unit
3/4 pole; 63 A frame/trip; fault duty to design	TNT-09-063	pc
3/4 pole; 100 A frame/trip; fault duty to design	TNT-09-064	pc
3/4 pole; 125 A frame/trip; fault duty to design	TNT-09-065	pc
3/4 pole; 160 A frame/trip; fault duty to design	TNT-09-066	pc
3/4 pole; 250 A frame/trip; fault duty to design	TNT-09-067	pc
3/4 pole; 400 A frame/trip; fault duty to design	TNT-09-068	pc
3/4 pole; 630 A frame/trip; fault duty to design	TNT-09-069	pc
Standalone manual I-0-II changeover switch; 2-pole circuit-specific	TNT-09-101	pc
Standalone manual I-0-II changeover switch; 4-pole circuit-specific	TNT-09-102	pc

Switch disconnector	Reference	Unit
2 pole 63 A	TNT-09-070	pc
2 pole 100 A	TNT-09-071	pc
4 pole 63 A	TNT-09-072	pc
4 pole 100 A	TNT-09-073	pc

Switch disconnector	Reference	Unit
4 pole 125 A	TNT-09-074	pc

DIN fuse holder and link	Reference	Unit
10 x 38 mm AC; 1 pole	TNT-09-075	pc
10 x 38 mm AC; 3 pole	TNT-09-076	pc

Industrial HRC fuse	Reference	Unit
BS 88 bolted; exact rating	TNT-09-077	pc
NH fuse; exact size/rating	TNT-09-078	pc
Matching fuse base	TNT-09-079	pc
Fuse puller	TNT-09-080	pc

Voltage protection relay / cut-off	Reference	Unit
Single phase; adjustable with coordinated switching	TNT-09-081	pc
Three phase; phase-failure / voltage monitoring	TNT-09-082	pc
Earth-leakage relay with matched toroid and trip interface; engineered selection	TNT-09-103	set

Arc-fault detection device	Reference	Unit
AFDD / combined unit; designer-specified	TNT-09-083	pc

Protection-device accessory	Reference	Unit
Auxiliary contact	TNT-09-084	pc
Shunt trip	TNT-09-085	pc
Undervoltage release	TNT-09-086	pc
Locking accessory	TNT-09-087	pc

Plug-in delayed appliance voltage protector	Reference	Unit
Plug-in refrigerator voltage cut-off / delayed reconnection protector; exact starting-load rating	TNT-09-088	pc
Plug-in appliance over/under-voltage protector; actual functions and load limits to model	TNT-09-089	pc

DIN modular installation contactor	Reference	Unit
Modular installation contactor; 2 poles; 20 A class; contact duty and coil voltage to model	TNT-09-090	pc

DIN modular installation contactor	Reference	Unit
Modular installation contactor; 2 poles; 25 A class; contact duty and coil voltage to model	TNT-09-091	pc
Modular installation contactor; 2 poles; 40 A class; contact duty and coil voltage to model	TNT-09-092	pc
Modular installation contactor; 2 poles; 63 A class; contact duty and coil voltage to model	TNT-09-093	pc
Modular installation contactor; 4 poles; 20 A class; contact duty and coil voltage to model	TNT-09-094	pc
Modular installation contactor; 4 poles; 25 A class; contact duty and coil voltage to model	TNT-09-095	pc
Modular installation contactor; 4 poles; 40 A class; contact duty and coil voltage to model	TNT-09-096	pc
Modular installation contactor; 4 poles; 63 A class; contact duty and coil voltage to model	TNT-09-097	pc

Impulse / latching relay	Reference	Unit
DIN impulse relay; 1 NO contact; coil/pulse duty to model	TNT-09-098	pc
DIN impulse relay; 2 NO contacts; coil/pulse duty to model	TNT-09-099	pc
Mechanically latched relay accessory; matched base device only	TNT-09-100	pc

Distribution boards and enclosures

Single-phase distribution board - empty	Reference	Unit
4 outgoing ways/modules as manufacturer defines; surface/flush to order	TNT-10-001	pc
6 outgoing ways/modules as manufacturer defines; surface/flush to order	TNT-10-002	pc
8 outgoing ways/modules as manufacturer defines; surface/flush to order	TNT-10-003	pc
12 outgoing ways/modules as manufacturer defines; surface/flush to order	TNT-10-004	pc
16 outgoing ways/modules as manufacturer defines; surface/flush to order	TNT-10-005	pc
18 outgoing ways/modules as manufacturer defines; surface/flush to order	TNT-10-006	pc
24 outgoing ways/modules as manufacturer defines; surface/flush to order	TNT-10-007	pc

Three-phase distribution board - empty	Reference	Unit
4 TPN ways; system-specific	TNT-10-008	pc
6 TPN ways; system-specific	TNT-10-009	pc
8 TPN ways; system-specific	TNT-10-010	pc
12 TPN ways; system-specific	TNT-10-011	pc
16 TPN ways; system-specific	TNT-10-012	pc

Small weatherproof modular enclosure	Reference	Unit
2 module	TNT-10-013	pc
4 module	TNT-10-014	pc
8 module	TNT-10-015	pc
12 module	TNT-10-016	pc

Steel wall-mount panel enclosure	Reference	Unit
300 x 250 x 150 mm	TNT-10-017	pc
400 x 300 x 200 mm	TNT-10-018	pc
500 x 400 x 200 mm	TNT-10-019	pc
600 x 400 x 250 mm	TNT-10-020	pc
800 x 600 x 300 mm	TNT-10-021	pc

Polycarbonate enclosure	Reference	Unit
150 x 150 x 100 mm	TNT-10-022	pc

Polycarbonate enclosure	Reference	Unit
200 x 200 x 130 mm	TNT-10-023	pc
300 x 200 x 150 mm	TNT-10-024	pc
400 x 300 x 180 mm	TNT-10-025	pc

Stainless-steel panel enclosure	Reference	Unit
316 grade; dimensions to order	TNT-10-026	pc

Panel / DB accessories	Reference	Unit
Neutral terminal bar	TNT-10-027	pc
Earth terminal bar	TNT-10-028	pc
DIN rail 35 mm	TNT-10-029	pc
MCB blanking plate	TNT-10-030	pc
Busbar end cap	TNT-10-031	pc
Single-phase comb busbar	TNT-10-032	pc
Three-phase comb busbar	TNT-10-033	pc
Panel door lock	TNT-10-034	pc
Panel mounting plate	TNT-10-035	pc
Document pocket	TNT-10-036	pc
Copper busbar stock; cross-section/plating to panel design	TNT-10-051	m
Matched busbar supports, shrouds and fixing hardware	TNT-10-052	set

Panel ventilation accessory	Reference	Unit
Fan and filter kit	TNT-10-037	pc
Exhaust filter	TNT-10-038	pc
Panel heater	TNT-10-039	pc
Panel thermostat	TNT-10-040	pc
Panel hygrostat; contact/supply/humidity setting to climate-control circuit	TNT-10-053	pc
Rated enclosure breather/pressure-compensation device; compatible cut-out	TNT-10-054	pc
Rated enclosure drain; mounting/orientation/IP to system	TNT-10-055	pc
Rated cable-entry membrane; opening and seal range to enclosure	TNT-10-056	pc

Meter enclosure / meter box	Reference	Unit
Utility-approved arrangement; single phase	TNT-10-041	pc
Utility-approved arrangement; three phase	TNT-10-042	pc

Assembled distribution / changeover panel	Reference	Unit
DB to approved schedule	TNT-10-043	pc
Manual changeover board	TNT-10-044	pc
ATS panel	TNT-10-045	pc
Capacitor correction panel	TNT-10-046	pc

Finger-safe power distribution blocks	Reference	Unit
Finger-safe power distribution block; 80 A class; conductor ports and material to model	TNT-10-047	pc
Finger-safe power distribution block; 125 A class; conductor ports and material to model	TNT-10-048	pc
Finger-safe power distribution block; 160 A class; conductor ports and material to model	TNT-10-049	pc
Finger-safe power distribution block; 250 A class; conductor ports and material to model	TNT-10-050	pc

Glands lugs and terminations

Tinned copper compression cable lug	Reference	Unit
6 mm2; stud-hole diameter to order	TNT-11-001	pc
10 mm2; stud-hole diameter to order	TNT-11-003	pc
16 mm2; stud-hole diameter to order	TNT-11-005	pc
25 mm2; stud-hole diameter to order	TNT-11-007	pc
35 mm2; stud-hole diameter to order	TNT-11-009	pc
50 mm2; stud-hole diameter to order	TNT-11-011	pc
70 mm2; stud-hole diameter to order	TNT-11-013	pc
95 mm2; stud-hole diameter to order	TNT-11-015	pc
120 mm2; stud-hole diameter to order	TNT-11-017	pc
150 mm2; stud-hole diameter to order	TNT-11-019	pc
185 mm2; stud-hole diameter to order	TNT-11-021	pc
240 mm2; stud-hole diameter to order	TNT-11-023	pc
300 mm2; stud-hole diameter to order	TNT-11-025	pc

Copper inline butt connector	Reference	Unit
6 mm2	TNT-11-002	pc
10 mm2	TNT-11-004	pc
16 mm2	TNT-11-006	pc
25 mm2	TNT-11-008	pc
35 mm2	TNT-11-010	pc
50 mm2	TNT-11-012	pc
70 mm2	TNT-11-014	pc
95 mm2	TNT-11-016	pc
120 mm2	TNT-11-018	pc
150 mm2	TNT-11-020	pc
185 mm2	TNT-11-022	pc
240 mm2	TNT-11-024	pc
300 mm2	TNT-11-026	pc
Aluminium-to-aluminium compression lug; 16 mm2 class; stud/class/crimp to approved system	TNT-11-150	pc

Copper inline butt connector	Reference	Unit
Aluminium-to-aluminium compression lug; 25 mm2 class; stud/class/crimp to approved system	TNT-11-151	pc
Aluminium-to-aluminium compression lug; 35 mm2 class; stud/class/crimp to approved system	TNT-11-152	pc
Aluminium-to-aluminium compression lug; 50 mm2 class; stud/class/crimp to approved system	TNT-11-153	pc
Aluminium-to-aluminium compression lug; 70 mm2 class; stud/class/crimp to approved system	TNT-11-154	pc
Aluminium-to-aluminium compression lug; 95 mm2 class; stud/class/crimp to approved system	TNT-11-155	pc
Aluminium-to-aluminium compression lug; 120 mm2 class; stud/class/crimp to approved system	TNT-11-156	pc
Aluminium-to-aluminium compression lug; 150 mm2 class; stud/class/crimp to approved system	TNT-11-157	pc
Aluminium-to-aluminium compression lug; 185 mm2 class; stud/class/crimp to approved system	TNT-11-158	pc
Aluminium-to-aluminium compression lug; 240 mm2 class; stud/class/crimp to approved system	TNT-11-159	pc

Bimetallic aluminium-to-copper lug	Reference	Unit
35 mm2	TNT-11-027	pc
50 mm2	TNT-11-028	pc
70 mm2	TNT-11-029	pc
95 mm2	TNT-11-030	pc
120 mm2	TNT-11-031	pc
185 mm2	TNT-11-032	pc
240 mm2	TNT-11-033	pc

Insulated crimp terminal	Reference	Unit
Red ring	TNT-11-034	pack
Blue ring	TNT-11-035	pack
Yellow ring	TNT-11-036	pack
Red fork	TNT-11-037	pack
Blue fork	TNT-11-038	pack
Yellow fork	TNT-11-039	pack
Red butt	TNT-11-040	pack
Blue butt	TNT-11-041	pack
Yellow butt	TNT-11-042	pack
Female spade	TNT-11-043	pack
Male spade	TNT-11-044	pack

Insulated crimp terminal	Reference	Unit
Piggyback spade	TNT-11-045	pack

Bootlace ferrule	Reference	Unit
0.5 mm2	TNT-11-046	pack
0.75 mm2	TNT-11-047	pack
1 mm2	TNT-11-048	pack
1.5 mm2	TNT-11-049	pack
2.5 mm2	TNT-11-050	pack
4 mm2	TNT-11-051	pack
6 mm2	TNT-11-052	pack
10 mm2	TNT-11-053	pack
16 mm2	TNT-11-054	pack

Twin bootlace ferrule	Reference	Unit
2 x 0.75 mm2	TNT-11-055	pack
2 x 1.5 mm2	TNT-11-056	pack
2 x 2.5 mm2	TNT-11-057	pack
2 x 4 mm2	TNT-11-058	pack
2 x 6 mm2	TNT-11-059	pack

Nylon metric cable gland	Reference	Unit
M12	TNT-11-060	pc
M16	TNT-11-061	pc
M20	TNT-11-062	pc
M25	TNT-11-063	pc
M32	TNT-11-064	pc
M40	TNT-11-065	pc
M50	TNT-11-066	pc

Brass compression gland - unarmoured	Reference	Unit
M20	TNT-11-067	pc

Brass compression gland - unarmoured	Reference	Unit
M25	TNT-11-068	pc
M32	TNT-11-069	pc
M40	TNT-11-070	pc
M50	TNT-11-071	pc

Brass armoured cable gland kit	Reference	Unit
20S / 20 size family	TNT-11-072	kit
25 size family	TNT-11-073	kit
32 size family	TNT-11-074	kit
40 size family	TNT-11-075	kit
50 size family	TNT-11-076	kit
63 size family	TNT-11-077	kit
75 size family	TNT-11-078	kit
EMC screen-contact cable gland; M20 thread class; OD/screen/IP to cable	TNT-11-146	pc
EMC screen-contact cable gland; M25 thread class; OD/screen/IP to cable	TNT-11-147	pc
EMC screen-contact cable gland; M32 thread class; OD/screen/IP to cable	TNT-11-148	pc
EMC screen-contact cable gland; M40 thread class; OD/screen/IP to cable	TNT-11-149	pc

Gland accessory	Reference	Unit
Earth tag	TNT-11-079	pc
Serrated washer	TNT-11-080	pc
Locknut	TNT-11-081	pc
PVC shroud	TNT-11-082	pc
Sealing washer	TNT-11-083	pc
Thread reducer	TNT-11-084	pc
Thread adaptor	TNT-11-085	pc
Stopping plug	TNT-11-086	pc

Hazardous-area certified gland	Reference	Unit
Barrier gland to cable and Ex equipment certificate	TNT-11-087	pc
Non-barrier gland where certified design permits	TNT-11-088	pc

Cable cleat	Reference	Unit
Single cable; diameter to order	TNT-11-089	pc
Trefoil; short-circuit rated	TNT-11-090	pc
Multicable clamp	TNT-11-091	pc

Heat-shrink tubing	Reference	Unit
2 mm	TNT-11-092	m
4 mm	TNT-11-093	m
6 mm	TNT-11-094	m
10 mm	TNT-11-095	m
16 mm	TNT-11-096	m
25 mm	TNT-11-097	m
40 mm	TNT-11-098	m
Adhesive-lined assorted kit	TNT-11-099	kit

Heat-shrink termination / joint kit	Reference	Unit
LV 4-core joint; size to order	TNT-11-100	kit
LV cable breakout boot	TNT-11-101	kit
MV indoor termination	TNT-11-102	kit
MV outdoor termination	TNT-11-103	kit

Gel / resin cable joint box	Reference	Unit
Small LV waterproof joint	TNT-11-104	kit
Larger LV joint to cable size	TNT-11-105	kit

Lever wire connector	Reference	Unit
2 conductor	TNT-11-106	pack
3 conductor	TNT-11-107	pack
5 conductor	TNT-11-108	pack

Screw terminal strip	Reference	Unit
5 A	TNT-11-109	pc
15 A	TNT-11-110	pc

Screw terminal strip	Reference	Unit
30 A	TNT-11-111	pc
60 A	TNT-11-112	pc
Ceramic high-temperature terminal block; poles/wire/current/thermal rating to appliance	TNT-11-145	pc

DIN terminal block	Reference	Unit
2.5 mm2 feed-through	TNT-11-113	pc
4 mm2 feed-through	TNT-11-114	pc
6 mm2 feed-through	TNT-11-115	pc
10 mm2 feed-through	TNT-11-116	pc
16 mm2 feed-through	TNT-11-117	pc
Earth terminal	TNT-11-118	pc
Fused terminal	TNT-11-119	pc
End stop	TNT-11-120	pc
End plate	TNT-11-121	pc
Jumper link	TNT-11-122	pc
Disconnect DIN terminal; wire size/current/pitch to selected range	TNT-11-160	pc
Knife-disconnect DIN terminal; exact accessories to range	TNT-11-161	pc
Double-level DIN terminal; circuits/jumpers to design	TNT-11-162	pc
Triple-level DIN terminal; circuits/jumpers to design	TNT-11-163	pc

Rubber / elastomer cable-entry grommets	Reference	Unit
Open cable grommet for nominal 16 mm panel opening; cable bore/panel thickness to model	TNT-11-123	pc
Open cable grommet for nominal 20 mm panel opening; cable bore/panel thickness to model	TNT-11-124	pc
Open cable grommet for nominal 25 mm panel opening; cable bore/panel thickness to model	TNT-11-125	pc
Open cable grommet for nominal 32 mm panel opening; cable bore/panel thickness to model	TNT-11-126	pc
Open cable grommet for nominal 40 mm panel opening; cable bore/panel thickness to model	TNT-11-127	pc
Closed membrane cable-entry grommet; opening and pierced cable fit to model	TNT-11-128	pc

Panel edging / grommet strip	Reference	Unit
Flexible panel edging strip; 1-2 mm edge class; verify groove	TNT-11-129	m
Flexible panel edging strip; 2-4 mm edge class; verify groove	TNT-11-130	m

Non-shrink cable wrapping and protective sleeving	Reference	Unit
Spiral cable wrap; 6 mm nominal; material to use	TNT-11-131	m
Spiral cable wrap; 10 mm nominal; material to use	TNT-11-132	m
Spiral cable wrap; 16 mm nominal; material to use	TNT-11-133	m
Spiral cable wrap; 25 mm nominal; material to use	TNT-11-134	m
Expandable braided sleeving; 6 mm nominal range to maker	TNT-11-135	m
Expandable braided sleeving; 12 mm nominal range to maker	TNT-11-136	m
Expandable braided sleeving; 20 mm nominal range to maker	TNT-11-137	m
Silicone/glass-fibre insulating sleeve; 3 mm nominal bore; temperature to model	TNT-11-138	m
Silicone/glass-fibre insulating sleeve; 6 mm nominal bore; temperature to model	TNT-11-139	m
Silicone/glass-fibre insulating sleeve; 10 mm nominal bore; temperature to model	TNT-11-140	m

Rated waterproof in-line disconnectable connectors	Reference	Unit
Disconnectable in-line connector pair; 2 poles; electrical/cable/IP ratings to actual mated assembly	TNT-11-141	pair
Disconnectable in-line connector pair; 3 poles; electrical/cable/IP ratings to actual mated assembly	TNT-11-142	pair
Disconnectable in-line connector pair; 4 poles; electrical/cable/IP ratings to actual mated assembly	TNT-11-143	pair
Disconnectable in-line connector pair; 5 poles; electrical/cable/IP ratings to actual mated assembly	TNT-11-144	pair

Earthing and lightning protection

Bare copper earthing conductor	Reference	Unit
16 mm2 stranded	TNT-12-001	m
25 mm2 stranded	TNT-12-002	m
35 mm2 stranded	TNT-12-003	m
50 mm2 stranded	TNT-12-004	m
70 mm2 stranded	TNT-12-005	m
95 mm2 stranded	TNT-12-006	m

Copper tape	Reference	Unit
25 x 3 mm	TNT-12-007	m
25 x 6 mm	TNT-12-008	m
50 x 6 mm	TNT-12-009	m

Copper-bonded earth rod	Reference	Unit
16 mm class x 1.2 m	TNT-12-010	pc
16 mm class x 1.5 m	TNT-12-011	pc
16 mm class x 2.4 m	TNT-12-012	pc
20 mm class x 2.4 m	TNT-12-013	pc

Earth-rod accessory	Reference	Unit
Matching rod coupler	TNT-12-014	pc
Driving head	TNT-12-015	pc
Rod-to-cable clamp	TNT-12-016	pc
Rod-to-tape clamp	TNT-12-017	pc

Earth inspection pit	Reference	Unit
Polymer light-duty	TNT-12-018	pc
Concrete heavy-duty	TNT-12-019	pc
Traffic-rated cover set	TNT-12-020	pc

Bonding clamp	Reference	Unit
Pipe bond 15-35 mm	TNT-12-021	pc
Pipe bond 35-60 mm	TNT-12-022	pc
Tape-to-tape clamp	TNT-12-023	pc
Cable-to-cable clamp	TNT-12-024	pc

Earth bar / disconnecting link	Reference	Unit
4 terminal	TNT-12-025	pc
6 terminal	TNT-12-026	pc
10 terminal	TNT-12-027	pc
Removable test link	TNT-12-028	pc

Flexible bonding braid	Reference	Unit
Door bonding strap	TNT-12-029	pc
Flange bonding strap	TNT-12-030	pc
Tray bonding strap	TNT-12-031	pc

Earthing compound	Reference	Unit
Approved ground-enhancement material; no improvised corrosive mix	TNT-12-032	bag

Lightning-protection component	Reference	Unit
Air terminal rod	TNT-12-033	pc
Air terminal base	TNT-12-034	pc
Conductor support	TNT-12-035	pc
Test joint enclosure	TNT-12-036	pc
Roof/wall conductor clip	TNT-12-037	pc
Down conductor	TNT-12-038	pc
Lightning strike counter	TNT-12-039	pc

Exothermic connection supply	Reference	Unit
Mould and qualified installer kit; controlled supply only	TNT-12-040	kit

Lamps and lamp holders

LED general-purpose bulb	Reference	Unit
E27; 5 W class; choose 3000/4000/6500 K	TNT-13-001	pc
E27; 7 W class; choose 3000/4000/6500 K	TNT-13-002	pc
E27; 9 W class; choose 3000/4000/6500 K	TNT-13-003	pc
E27; 12 W class; choose 3000/4000/6500 K	TNT-13-004	pc
E27; 15 W class; choose 3000/4000/6500 K	TNT-13-005	pc
E27; 18 W class; choose 3000/4000/6500 K	TNT-13-006	pc
B22; 5 W class; choose 3000/4000/6500 K	TNT-13-007	pc
B22; 7 W class; choose 3000/4000/6500 K	TNT-13-008	pc
B22; 9 W class; choose 3000/4000/6500 K	TNT-13-009	pc
B22; 12 W class; choose 3000/4000/6500 K	TNT-13-010	pc
B22; 15 W class; choose 3000/4000/6500 K	TNT-13-011	pc
B22; 18 W class; choose 3000/4000/6500 K	TNT-13-012	pc

LED high-output bulb	Reference	Unit
E27; 20 W class	TNT-13-013	pc
E27; 30 W class	TNT-13-014	pc
E40; high-output model	TNT-13-015	pc

LED candle bulb	Reference	Unit
E14; 4-6 W class	TNT-13-016	pc
E27; 4-6 W class	TNT-13-017	pc

LED filament bulb	Reference	Unit
E27 decorative clear	TNT-13-018	pc
E14 decorative candle	TNT-13-019	pc

LED GU10 spotlight lamp	Reference	Unit
5 W class; narrow beam	TNT-13-020	pc
5 W class; wide beam	TNT-13-021	pc
7 W class; dimmable	TNT-13-022	pc

LED low-voltage spotlight	Reference	Unit
MR16 GU5.3; 12 V; matched driver	TNT-13-023	pc

LED capsule lamp	Reference	Unit
G9 mains-rated	TNT-13-024	pc
G4 12 V	TNT-13-025	pc

LED replacement tube	Reference	Unit
T8 G13; 600 mm	TNT-13-026	pc
T8 G13; 1200 mm	TNT-13-027	pc
T8 G13; 1500 mm	TNT-13-028	pc

Legacy replacement lamp	Reference	Unit
T5 fluorescent; exact length/power	TNT-13-029	pc
T8 fluorescent; exact length/power	TNT-13-030	pc
CFL plug-in; exact base	TNT-13-031	pc
HID sodium; exact wattage/base	TNT-13-032	pc
Metal-halide; exact wattage/base	TNT-13-033	pc
Appliance oven lamp; high-temperature rated	TNT-13-034	pc

Lamp holder	Reference	Unit
E27 batten	TNT-13-035	pc
B22 batten	TNT-13-036	pc
E27 pendant	TNT-13-037	pc
B22 pendant	TNT-13-038	pc
E27 ceramic	TNT-13-039	pc
E40 ceramic	TNT-13-040	pc
GU10 holder	TNT-13-041	pc
G13 T8 holder pair	TNT-13-042	pair
G5 T5 holder pair	TNT-13-043	pair
GU10 twist-lock lamp holder; thermal/electrical/mounting to fitting	TNT-13-056	pc
GU5.3 two-straight-pin holder; rated low-voltage system to fitting	TNT-13-057	pc

Lamp holder	Reference	Unit
G4 lamp holder; exact pin spacing/thermal/electrical rating	TNT-13-058	pc
G9 loop-pin holder; exact mounting/thermal/electrical rating	TNT-13-059	pc
E14 screw lamp holder; exact mounting/thermal/electrical rating	TNT-13-060	pc

Ceiling rose / pendant accessory	Reference	Unit
Ceiling rose	TNT-13-044	pc
Pendant cord set	TNT-13-045	pc
Lamp holder support bracket	TNT-13-046	pc

Legacy lamp control spare	Reference	Unit
Fluorescent starter	TNT-13-047	pc
Matching starter holder	TNT-13-048	pc
Electronic ballast; exact type	TNT-13-049	pc
HID ballast; exact type	TNT-13-050	pc
HID ignitor; exact type	TNT-13-051	pc
Lighting correction capacitor; exact rating	TNT-13-052	pc

R7s double-ended lamp and matching holder	Reference	Unit
R7s double-ended LED replacement; 78 mm class; verify overall dimensions/temperature	TNT-13-053	pc
R7s double-ended LED replacement; 118 mm class; verify fitting clearance	TNT-13-054	pc
R7s high-temperature holder pair; exact fitting and thermal rating	TNT-13-055	pc

Indoor lighting

Recessed LED panel - round	Reference	Unit
6 W class; cut-out and CCT to confirm	TNT-14-001	pc
12 W class; cut-out and CCT to confirm	TNT-14-003	pc
18 W class; cut-out and CCT to confirm	TNT-14-005	pc
24 W class; cut-out and CCT to confirm	TNT-14-007	pc

Recessed LED panel - square	Reference	Unit
6 W class; cut-out and CCT to confirm	TNT-14-002	pc
12 W class; cut-out and CCT to confirm	TNT-14-004	pc
18 W class; cut-out and CCT to confirm	TNT-14-006	pc
24 W class; cut-out and CCT to confirm	TNT-14-008	pc

Surface LED panel	Reference	Unit
Round; 12 W class	TNT-14-009	pc
Round; 18 W class	TNT-14-010	pc
Round; 24 W class	TNT-14-011	pc
Square; 18 W class	TNT-14-012	pc
Square; 24 W class	TNT-14-013	pc

Office LED panel	Reference	Unit
600 x 600 mm; recessed	TNT-14-014	pc
600 x 1200 mm; recessed	TNT-14-015	pc
300 x 1200 mm; recessed	TNT-14-016	pc

Panel mounting accessory	Reference	Unit
Surface frame 600 x 600	TNT-14-017	pc
Suspension kit	TNT-14-018	pc
Plasterboard spring kit	TNT-14-019	pc

Integrated LED batten	Reference	Unit
600 mm; 10-20 W class	TNT-14-020	pc

Integrated LED batten	Reference	Unit
1200 mm; 20-40 W class	TNT-14-021	pc
1500 mm; 40-60 W class	TNT-14-022	pc
Downlight cut-out conversion ring; existing hole and new fitting to measure	TNT-14-063	pc
Panel/downlight surface-conversion frame; exact compatible luminaire	TNT-14-064	pc

Downlight - modular	Reference	Unit
GU10 adjustable fitting	TNT-14-023	pc
Fixed deep-recess LED	TNT-14-024	pc
IP-rated bathroom downlight	TNT-14-025	pc
Anti-glare commercial downlight	TNT-14-026	pc

Ceiling / bulkhead light	Reference	Unit
Round ceiling light	TNT-14-027	pc
Oval wall/ceiling light	TNT-14-028	pc
PIR-sensor ceiling light	TNT-14-029	pc
Microwave-sensor ceiling light	TNT-14-030	pc

Bathroom mirror light	Reference	Unit
Linear LED mirror fitting	TNT-14-031	pc
Illuminated mirror with approved electrical assembly	TNT-14-032	pc

Under-cabinet fitting	Reference	Unit
300 mm linkable	TNT-14-033	pc
600 mm linkable	TNT-14-034	pc
900 mm linkable	TNT-14-035	pc

Track-light fitting	Reference	Unit
Single-circuit spotlight	TNT-14-036	pc
Three-circuit spotlight	TNT-14-037	pc
Low-voltage magnetic-track module	TNT-14-038	pc

Track-light accessory	Reference	Unit
Track length	TNT-14-039	pc
Power feed	TNT-14-040	pc
Straight joiner	TNT-14-041	pc
L connector	TNT-14-042	pc
T connector	TNT-14-043	pc
End cap	TNT-14-044	pc
Suspension kit	TNT-14-045	pc

Decorative fitting	Reference	Unit
Pendant	TNT-14-046	pc
Chandelier	TNT-14-047	pc
Wall sconce	TNT-14-048	pc
Table lamp	TNT-14-049	pc
Floor lamp	TNT-14-050	pc
Picture light	TNT-14-051	pc
Linear suspended luminaire	TNT-14-052	pc

Commercial specialist fitting	Reference	Unit
Cleanroom sealed light	TNT-14-053	pc
Linear office suspended light	TNT-14-054	pc
Retail adjustable spotlight	TNT-14-055	pc
Acoustic ceiling luminaire	TNT-14-056	pc

Plug-in / rechargeable night lights	Reference	Unit
Mains plug-in night light; local plug; manual switch	TNT-14-057	pc
Mains plug-in night light with photocell; local plug	TNT-14-058	pc
Rechargeable motion-sensor night light; battery/charger to model	TNT-14-059	pc

Luminaire plug-in connection and support system	Reference	Unit
Plug-in luminaire connector with protective-earth provision where required	TNT-14-060	set
Matched luminaire connection/support base and plug	TNT-14-061	set

Luminaire plug-in connection and support system	Reference	Unit
Manufacturer-compatible suspension/support accessories	TNT-14-062	set

Outdoor and industrial lighting

Outdoor LED floodlight	Reference	Unit
10 W class; IP65 or higher as location requires	TNT-15-001	pc
20 W class; IP65 or higher as location requires	TNT-15-002	pc
30 W class; IP65 or higher as location requires	TNT-15-003	pc
50 W class; IP65 or higher as location requires	TNT-15-004	pc
100 W class; IP65 or higher as location requires	TNT-15-005	pc
150 W class; IP65 or higher as location requires	TNT-15-006	pc
200 W class; IP65 or higher as location requires	TNT-15-007	pc

PIR security floodlight	Reference	Unit
20-30 W class	TNT-15-008	pc
50 W class	TNT-15-009	pc

Weatherproof LED batten	Reference	Unit
600 mm	TNT-15-010	pc
1200 mm	TNT-15-011	pc
1500 mm	TNT-15-012	pc

Outdoor bulkhead	Reference	Unit
Oval; guarded	TNT-15-013	pc
Round; sealed	TNT-15-014	pc
Anti-corrosion polycarbonate	TNT-15-015	pc

Outdoor architectural fitting	Reference	Unit
Up/down wall light	TNT-15-016	pc
Gate-pillar light	TNT-15-017	pc
Bollard	TNT-15-018	pc
Garden spike	TNT-15-019	pc
Step light	TNT-15-020	pc
Recessed ground uplight	TNT-15-021	pc
Facade linear wall washer	TNT-15-022	pc

Industrial LED high-bay	Reference	Unit
100 W class	TNT-15-023	pc
150 W class	TNT-15-024	pc
200 W class	TNT-15-025	pc
Linear warehouse high-bay	TNT-15-026	pc

Road / street LED luminaire	Reference	Unit
30-60 W class	TNT-15-027	pc
90-120 W class	TNT-15-028	pc
150-200 W class	TNT-15-029	pc
Higher output; lighting-design selection	TNT-15-030	pc

Street-light accessory	Reference	Unit
Pole bracket	TNT-15-031	pc
Cut-out/terminal box	TNT-15-032	pc
Photocell receptacle	TNT-15-033	pc
Pole inspection-door kit	TNT-15-034	pc
Matched driver	TNT-15-035	pc
Surge-protection replacement	TNT-15-036	pc

Solar lighting set	Reference	Unit
Small garden light	TNT-15-037	set
Solar wall/security light	TNT-15-038	set
Integrated solar streetlight	TNT-15-039	set
Split-panel solar streetlight	TNT-15-040	set

Portable work light	Reference	Unit
Rechargeable hand lamp	TNT-15-041	pc
Mains work lamp with stand	TNT-15-042	pc
110 V site work lamp	TNT-15-043	pc

Pool / underwater luminaire	Reference	Unit
SELV approved system; niche and transformer matched	TNT-15-044	set

Hazardous-area luminaire	Reference	Unit
Ex-certified LED fitting to zone/group/temperature design	TNT-15-045	pc

High-mast floodlighting package	Reference	Unit
Mast, luminaires, gear, protection and raising/lowering system	TNT-15-046	set

Torches, headlamps and portable lanterns	Reference	Unit
Battery-powered hand torch; battery/output/run time to model	TNT-15-047	pc
USB-rechargeable hand torch; protected charging system	TNT-15-048	pc
Adjustable headlamp; battery/output/run time to model	TNT-15-049	pc
Portable rechargeable lantern; charging and replacement battery to model	TNT-15-050	pc

Emergency and exit lighting

Self-contained emergency light	Reference	Unit
Non-maintained LED	TNT-16-001	pc
Maintained LED	TNT-16-002	pc
Twin-spot emergency floodlight	TNT-16-003	pc
Weatherproof emergency fitting	TNT-16-004	pc

Illuminated exit sign	Reference	Unit
Wall mount	TNT-16-005	pc
Ceiling mount	TNT-16-006	pc
Recessed	TNT-16-007	pc
Double-sided suspended	TNT-16-008	pc

Exit-sign legend / accessory	Reference	Unit
Arrow left	TNT-16-009	pc
Arrow right	TNT-16-010	pc
Arrow up/down as approved	TNT-16-011	pc
Suspension kit	TNT-16-012	pc
Recessed mounting frame	TNT-16-013	pc

Emergency conversion kit	Reference	Unit
Approved luminaire-specific driver/battery kit	TNT-16-014	kit

Emergency replacement battery	Reference	Unit
NiCd exact pack	TNT-16-015	pc
NiMH exact pack	TNT-16-016	pc
LiFePO4 exact pack	TNT-16-017	pc

Emergency-light test switch	Reference	Unit
Key-operated test switch	TNT-16-018	pc
Automatic self-test module	TNT-16-019	pc

Central battery emergency system	Reference	Unit
Central battery cabinet	TNT-16-020	pc
Addressable monitoring panel	TNT-16-021	pc
Compatible slave luminaire	TNT-16-022	pc

LED strips drivers and controls

Constant-voltage LED strip	Reference	Unit
12 V DC; 3000 K; power per metre/IP to select	TNT-17-001	m
12 V DC; 4000 K; power per metre/IP to select	TNT-17-002	m
12 V DC; 6500 K; power per metre/IP to select	TNT-17-003	m
24 V DC; 3000 K; power per metre/IP to select	TNT-17-004	m
24 V DC; 4000 K; power per metre/IP to select	TNT-17-005	m
24 V DC; 6500 K; power per metre/IP to select	TNT-17-006	m

Special LED strip	Reference	Unit
24 V COB warm white	TNT-17-007	m
24 V COB neutral white	TNT-17-008	m
RGB strip	TNT-17-009	m
RGBW strip	TNT-17-010	m
Tunable-white strip	TNT-17-011	m
IP-rated neon flex	TNT-17-012	m

LED aluminium profile	Reference	Unit
Surface mount	TNT-17-013	length
Recessed	TNT-17-014	length
Corner	TNT-17-015	length
Deep profile	TNT-17-016	length
Stair profile	TNT-17-017	length

Strip/profile accessory	Reference	Unit
Opal diffuser	TNT-17-018	pc
Clear diffuser	TNT-17-019	pc
End cap	TNT-17-020	pc
Mounting clip	TNT-17-021	pc
Straight strip connector	TNT-17-022	pc
Corner strip connector	TNT-17-023	pc

Strip/profile accessory	Reference	Unit
Soldered lead	TNT-17-024	pc
Profile suspension kit	TNT-17-025	pc

Constant-voltage LED power supply	Reference	Unit
12 V DC; 30 W class; enclosure to use	TNT-17-026	pc
12 V DC; 60 W class; enclosure to use	TNT-17-027	pc
12 V DC; 100 W class; enclosure to use	TNT-17-028	pc
12 V DC; 150 W class; enclosure to use	TNT-17-029	pc
12 V DC; 200 W class; enclosure to use	TNT-17-030	pc
24 V DC; 30 W class; enclosure to use	TNT-17-031	pc
24 V DC; 60 W class; enclosure to use	TNT-17-032	pc
24 V DC; 100 W class; enclosure to use	TNT-17-033	pc
24 V DC; 150 W class; enclosure to use	TNT-17-034	pc
24 V DC; 200 W class; enclosure to use	TNT-17-035	pc

Constant-current LED driver	Reference	Unit
300/350 mA; exact voltage range	TNT-17-036	pc
500/600 mA; exact voltage range	TNT-17-037	pc
700 mA; exact voltage range	TNT-17-038	pc
1050 mA; exact voltage range	TNT-17-039	pc

Dimmable LED driver	Reference	Unit
DALI-2	TNT-17-040	pc
0-10 V / 1-10 V matched system	TNT-17-041	pc
Phase-cut dimmable	TNT-17-042	pc
Push-dim	TNT-17-043	pc

LED controller	Reference	Unit
Single-colour PWM dimmer	TNT-17-044	pc
RGB controller	TNT-17-045	pc
RGBW controller	TNT-17-046	pc

LED controller	Reference	Unit
CCT controller	TNT-17-047	pc
DMX decoder	TNT-17-048	pc
Signal amplifier/repeater	TNT-17-049	pc

Lighting control component	Reference	Unit
Photocell switch	TNT-17-050	pc
PIR wall sensor	TNT-17-051	pc
PIR ceiling sensor	TNT-17-052	pc
Microwave presence sensor	TNT-17-053	pc
Digital timer	TNT-17-054	pc
Astronomical timer	TNT-17-055	pc
Staircase timer	TNT-17-056	pc
DALI application controller; addresses/functions to design	TNT-17-061	pc
DALI bus power supply where not integrated; sizing to system	TNT-17-062	pc
DALI input interface; channels/sensor compatibility to design	TNT-17-063	pc
DALI commissioning/interface accessory; exact selected platform	TNT-17-064	pc

Signage LED module	Reference	Unit
12 V white module string	TNT-17-057	pc
24 V white module string	TNT-17-058	pc
Matched signage driver	TNT-17-059	pc

LED repair light engine	Reference	Unit
Exact OEM COB / LED board and thermal interface	TNT-17-060	pc

Fans and ventilation

Ceiling fan	Reference	Unit
48 inch; approved regional model	TNT-18-001	pc
56 inch; approved regional model	TNT-18-002	pc
Remote-control model	TNT-18-003	pc
BLDC model	TNT-18-004	pc
Decorative model with light	TNT-18-005	pc

Wall fan	Reference	Unit
16 inch	TNT-18-006	pc
18 inch	TNT-18-007	pc

Pedestal fan	Reference	Unit
16 inch	TNT-18-008	pc
18 inch	TNT-18-009	pc
Industrial heavy-duty	TNT-18-010	pc

Desk / box fan	Reference	Unit
12 inch desk	TNT-18-011	pc
16 inch desk	TNT-18-012	pc
Box fan	TNT-18-013	pc

Exhaust fan	Reference	Unit
4 inch nominal; opening and airflow to confirm	TNT-18-014	pc
6 inch nominal; opening and airflow to confirm	TNT-18-015	pc
8 inch nominal; opening and airflow to confirm	TNT-18-016	pc
10 inch nominal; opening and airflow to confirm	TNT-18-017	pc
12 inch nominal; opening and airflow to confirm	TNT-18-018	pc

Ventilation fan	Reference	Unit
Ceiling-ducted	TNT-18-019	pc
Window-mounted	TNT-18-020	pc

Ventilation fan	Reference	Unit
Inline 100 mm	TNT-18-021	pc
Inline 150 mm	TNT-18-022	pc
Inline 200 mm	TNT-18-023	pc
Industrial axial	TNT-18-024	pc

Ventilation accessory	Reference	Unit
Backdraft shutter	TNT-18-025	pc
Wall grille	TNT-18-026	pc
Flexible duct 100 mm	TNT-18-027	pc
Flexible duct 150 mm	TNT-18-028	pc
Flexible duct 200 mm	TNT-18-029	pc
Fan mounting kit	TNT-18-030	pc

Fan repair spare	Reference	Unit
Approved blade	TNT-18-031	pc
Mounting hook/bracket	TNT-18-032	pc
Downrod	TNT-18-033	pc
Speed-control module	TNT-18-034	pc
Remote/receiver set	TNT-18-035	pc
Model-specific motor	TNT-18-036	pc

Commercial ventilation appliance	Reference	Unit
Air curtain	TNT-18-037	pc
Hand dryer	TNT-18-038	pc
Rangehood	TNT-18-039	pc
Energy-recovery ventilator	TNT-18-040	pc
Dehumidifier	TNT-18-041	pc

Water heaters and spares

Electric storage water heater	Reference	Unit
30 L; vertical	TNT-19-001	pc
50 L; vertical	TNT-19-002	pc
50 L; horizontal	TNT-19-003	pc
80 L; vertical	TNT-19-004	pc
80 L; horizontal	TNT-19-005	pc
100 L; vertical	TNT-19-006	pc
100 L; horizontal	TNT-19-007	pc

Point-of-use water heater	Reference	Unit
10-15 L under-sink	TNT-19-008	pc
10-15 L over-sink	TNT-19-009	pc

Instantaneous electric water heater	Reference	Unit
Approved model; circuit capacity and flow/temperature rise designed	TNT-19-010	pc

Water-heater element	Reference	Unit
1.2-1.5 kW class; OEM match	TNT-19-011	pc
2 kW class; OEM match	TNT-19-012	pc
3 kW class; OEM match	TNT-19-013	pc

Water-heater spare	Reference	Unit
Rod thermostat	TNT-19-014	pc
High-limit cut-out	TNT-19-015	pc
Flange/gasket set	TNT-19-016	pc
Magnesium anode	TNT-19-017	pc
OEM pressure-relief valve	TNT-19-018	pc
Mounting bracket set	TNT-19-019	pc
Indicator lamp	TNT-19-020	pc
Terminal block	TNT-19-021	pc

Water-heater connection accessory	Reference	Unit
Rated flexible hose set	TNT-19-022	set
Dielectric connection set	TNT-19-023	set
Approved isolation-valve connection kit	TNT-19-024	set

Solar thermal / heat-pump water heater	Reference	Unit
Engineered system and local service package	TNT-19-025	set

Pumps and water-level controls

Domestic water pump	Reference	Unit
0.5 hp class	TNT-20-001	pc
1 hp class	TNT-20-002	pc
1.5 hp class	TNT-20-003	pc
2 hp class	TNT-20-004	pc

Automatic pressure-booster pump	Reference	Unit
Compact integrated booster	TNT-20-005	pc
Multistage pump with pressure controller	TNT-20-006	pc

Submersible pump	Reference	Unit
Clean-water drainage	TNT-20-007	pc
Dirty-water drainage	TNT-20-008	pc
Sewage pump	TNT-20-009	pc
Borehole pump	TNT-20-010	pc

Pump control component	Reference	Unit
Electronic pressure controller	TNT-20-011	pc
Mechanical pressure switch	TNT-20-012	pc
Dry-run protection relay	TNT-20-013	pc
Pump alternator relay	TNT-20-014	pc
Tank water-level controller	TNT-20-015	pc
Pump control enclosure	TNT-20-016	pc

Float switch	Reference	Unit
3 m cable	TNT-20-017	pc
5 m cable	TNT-20-018	pc
10 m cable	TNT-20-019	pc

Water-level sensor	Reference	Unit
Conductive probe	TNT-20-020	pc

Water-level sensor	Reference	Unit
Probe holder	TNT-20-021	pc
Non-contact sensor; suitable tank type	TNT-20-022	pc

Pressure-vessel accessory	Reference	Unit
24 L vessel	TNT-20-023	pc
60 L vessel	TNT-20-024	pc
100 L vessel	TNT-20-025	pc
Model-specific membrane	TNT-20-026	pc
Pressure gauge	TNT-20-027	pc
Five-way manifold	TNT-20-028	pc

Pump replacement part	Reference	Unit
Mechanical seal	TNT-20-029	pc
Impeller	TNT-20-030	pc
Terminal box	TNT-20-031	pc
Control box	TNT-20-032	pc
Non-return valve	TNT-20-033	pc
Union set	TNT-20-034	pc
Vibration mount	TNT-20-035	pc

Domestic circulation pump	Reference	Unit
Hot-water recirculation duty; potable-water model	TNT-20-036	pc

AC condensate removal pump and service kit	Reference	Unit
Mini-split condensate pump with reservoir/sensor; duty point to installation	TNT-20-037	set
Tank condensate pump; capacity/lift to installation	TNT-20-038	set
Maker-approved condensate pump service kit	TNT-20-039	set
Condensate discharge hose; size to pump	TNT-20-040	m

HVAC electrical spares

Motor run capacitor	Reference	Unit
1.5 microfarad; continuous-duty AC; voltage/terminal to OEM	TNT-21-001	pc
2 microfarad; continuous-duty AC; voltage/terminal to OEM	TNT-21-002	pc
2.5 microfarad; continuous-duty AC; voltage/terminal to OEM	TNT-21-003	pc
3 microfarad; continuous-duty AC; voltage/terminal to OEM	TNT-21-004	pc
4 microfarad; continuous-duty AC; voltage/terminal to OEM	TNT-21-005	pc
5 microfarad; continuous-duty AC; voltage/terminal to OEM	TNT-21-006	pc
6 microfarad; continuous-duty AC; voltage/terminal to OEM	TNT-21-007	pc
8 microfarad; continuous-duty AC; voltage/terminal to OEM	TNT-21-008	pc
10 microfarad; continuous-duty AC; voltage/terminal to OEM	TNT-21-009	pc
12.5 microfarad; continuous-duty AC; voltage/terminal to OEM	TNT-21-010	pc
16 microfarad; continuous-duty AC; voltage/terminal to OEM	TNT-21-011	pc
20 microfarad; continuous-duty AC; voltage/terminal to OEM	TNT-21-012	pc
25 microfarad; continuous-duty AC; voltage/terminal to OEM	TNT-21-013	pc
30 microfarad; continuous-duty AC; voltage/terminal to OEM	TNT-21-014	pc
35 microfarad; continuous-duty AC; voltage/terminal to OEM	TNT-21-015	pc
40 microfarad; continuous-duty AC; voltage/terminal to OEM	TNT-21-016	pc
45 microfarad; continuous-duty AC; voltage/terminal to OEM	TNT-21-017	pc
50 microfarad; continuous-duty AC; voltage/terminal to OEM	TNT-21-018	pc
60 microfarad; continuous-duty AC; voltage/terminal to OEM	TNT-21-019	pc

Dual-run AC capacitor	Reference	Unit
30+5 microfarad	TNT-21-020	pc
35+5 microfarad	TNT-21-021	pc
40+5 microfarad	TNT-21-022	pc
45+5 microfarad	TNT-21-023	pc
50+5 microfarad	TNT-21-024	pc
60+5 microfarad	TNT-21-025	pc

Motor start capacitor	Reference	Unit
80-108 microfarad band	TNT-21-026	pc
108-130 microfarad band	TNT-21-027	pc
130-156 microfarad band	TNT-21-028	pc
189-227 microfarad band	TNT-21-029	pc

HVAC contactor	Reference	Unit
2 pole 25-30 A class	TNT-21-030	pc
2 pole 40 A class	TNT-21-031	pc
3 pole 25-32 A class	TNT-21-032	pc
3 pole 40-63 A class	TNT-21-033	pc

HVAC service electrical spare	Reference	Unit
Compressor overload protector	TNT-21-034	pc
Start relay / PTC	TNT-21-035	pc
Defrost timer	TNT-21-036	pc
Mechanical room thermostat	TNT-21-037	pc
Digital room thermostat	TNT-21-038	pc
AC remote control	TNT-21-039	pc
Temperature probe	TNT-21-040	pc
OEM indoor PCB	TNT-21-041	pc
OEM outdoor inverter PCB	TNT-21-042	pc
Fan motor	TNT-21-043	pc
Transformer	TNT-21-044	pc
Solenoid coil	TNT-21-045	pc

Refrigeration electrical control	Reference	Unit
High-pressure switch	TNT-21-046	pc
Low-pressure switch	TNT-21-047	pc
Dual pressure switch	TNT-21-048	pc
Defrost thermostat	TNT-21-049	pc
Crankcase heater	TNT-21-050	pc

Refrigeration electrical control	Reference	Unit
Refrigeration temperature controller	TNT-21-051	pc
Condensate overflow safety switch; tray/reservoir mounting to equipment	TNT-21-052	pc
Matched condensate alarm/shutdown interface; approved control circuit	TNT-21-053	pc

Industrial control and automation

Motor contactor	Reference	Unit
3 pole; AC-3 9 A class; coil specified	TNT-22-001	pc
3 pole; AC-3 12 A class; coil specified	TNT-22-002	pc
3 pole; AC-3 18 A class; coil specified	TNT-22-003	pc
3 pole; AC-3 25 A class; coil specified	TNT-22-004	pc
3 pole; AC-3 32 A class; coil specified	TNT-22-005	pc
3 pole; AC-3 40 A class; coil specified	TNT-22-006	pc
3 pole; AC-3 65 A class; coil specified	TNT-22-007	pc
3 pole; AC-3 95 A class; coil specified	TNT-22-008	pc

Thermal overload relay	Reference	Unit
0.63-1 A band	TNT-22-009	pc
1-1.6 A band	TNT-22-010	pc
1.6-2.5 A band	TNT-22-011	pc
2.5-4 A band	TNT-22-012	pc
4-6 A band	TNT-22-013	pc
5.5-8 A band	TNT-22-014	pc
7-10 A band	TNT-22-015	pc
9-13 A band	TNT-22-016	pc
12-18 A band	TNT-22-017	pc
17-25 A band	TNT-22-018	pc
23-32 A band	TNT-22-019	pc

Motor protection circuit breaker	Reference	Unit
0.63-1 A band	TNT-22-020	pc
1-1.6 A band	TNT-22-021	pc
1.6-2.5 A band	TNT-22-022	pc
2.5-4 A band	TNT-22-023	pc
4-6.3 A band	TNT-22-024	pc
6-10 A band	TNT-22-025	pc

Motor protection circuit breaker	Reference	Unit
9-14 A band	TNT-22-026	pc
13-18 A band	TNT-22-027	pc
17-23 A band	TNT-22-028	pc
20-25 A band	TNT-22-029	pc
24-32 A band	TNT-22-030	pc

Contactor / starter accessory	Reference	Unit
Auxiliary contact block	TNT-22-031	pc
Mechanical interlock	TNT-22-032	pc
Pneumatic timer	TNT-22-033	pc
Replacement coil	TNT-22-034	pc
DOL starter enclosure	TNT-22-035	pc
Star-delta starter kit	TNT-22-036	pc

22 mm control operator	Reference	Unit
Green start pushbutton	TNT-22-037	pc
Red stop pushbutton	TNT-22-038	pc
Emergency-stop mushroom	TNT-22-039	pc
2-position selector	TNT-22-040	pc
3-position selector	TNT-22-041	pc
Key selector	TNT-22-042	pc
Illuminated pushbutton	TNT-22-043	pc
Buzzer	TNT-22-044	pc
Red pilot lamp	TNT-22-045	pc
Green pilot lamp	TNT-22-046	pc
Amber pilot lamp	TNT-22-047	pc

Control operator accessory	Reference	Unit
NO contact block	TNT-22-048	pc
NC contact block	TNT-22-049	pc
LED lamp block	TNT-22-050	pc

Control operator accessory	Reference	Unit
Legend plate	TNT-22-051	pc
1-hole station	TNT-22-052	pc
2-hole station	TNT-22-053	pc
3-hole station	TNT-22-054	pc

Plug-in control relay	Reference	Unit
8 pin; 24 V DC coil	TNT-22-055	pc
8 pin; AC coil specified	TNT-22-056	pc
14 pin; 24 V DC coil	TNT-22-057	pc
14 pin; AC coil specified	TNT-22-058	pc
Matching 8-pin socket	TNT-22-059	pc
Matching 14-pin socket	TNT-22-060	pc

DIN control relay	Reference	Unit
Multifunction timer	TNT-22-061	pc
On-delay timer	TNT-22-062	pc
Off-delay timer	TNT-22-063	pc
Phase sequence/failure relay	TNT-22-064	pc
Voltage monitor	TNT-22-065	pc
Current monitor	TNT-22-066	pc
Level relay	TNT-22-067	pc

Solid-state relay	Reference	Unit
AC output; heatsink and protection coordinated	TNT-22-068	pc
DC output; exact load rating	TNT-22-069	pc

Control transformer	Reference	Unit
50 VA	TNT-22-070	pc
100 VA	TNT-22-071	pc
250 VA	TNT-22-072	pc
500 VA	TNT-22-073	pc

DIN DC power supply	Reference	Unit
24 V 2.5 A	TNT-22-074	pc
24 V 5 A	TNT-22-075	pc
24 V 10 A	TNT-22-076	pc
12 V 5 A	TNT-22-077	pc

Variable-frequency drive	Reference	Unit
0.75 kW class	TNT-22-078	pc
1.5 kW class	TNT-22-079	pc
2.2 kW class	TNT-22-080	pc
4 kW class	TNT-22-081	pc
7.5 kW class	TNT-22-082	pc
11-22 kW class	TNT-22-083	pc
Above 22 kW; engineered	TNT-22-084	pc

Automation controller	Reference	Unit
Smart relay	TNT-22-085	pc
Compact PLC CPU	TNT-22-086	pc
PLC digital input module	TNT-22-087	pc
PLC digital output module	TNT-22-088	pc
PLC analogue module	TNT-22-089	pc
HMI 4-7 inch	TNT-22-090	pc
HMI 10 inch and above	TNT-22-091	pc

Drive / PLC accessory	Reference	Unit
Programming cable	TNT-22-092	pc
Communication module	TNT-22-093	pc
Braking resistor	TNT-22-094	pc
Line reactor	TNT-22-095	pc
EMC filter	TNT-22-096	pc
Remote keypad	TNT-22-097	pc
Encoder module	TNT-22-098	pc

Panel-mounted control accessory	Reference	Unit
Cam switch	TNT-22-099	pc
Foot switch	TNT-22-100	pc
Industrial joystick	TNT-22-101	pc
Safety relay	TNT-22-102	pc
Safety interlock switch	TNT-22-103	pc
Stack light	TNT-22-104	pc

Standalone IEC electric motors	Reference	Unit
IEC motor; 0.75 kW class; poles/frame/mounting/voltage/duty to order	TNT-22-105	pc
IEC motor; 1.5 kW class; poles/frame/mounting/voltage/duty to order	TNT-22-106	pc
IEC motor; 2.2 kW class; poles/frame/mounting/voltage/duty to order	TNT-22-107	pc
IEC motor; 3 kW class; poles/frame/mounting/voltage/duty to order	TNT-22-108	pc
IEC motor; 4 kW class; poles/frame/mounting/voltage/duty to order	TNT-22-109	pc
IEC motor; 5.5 kW class; poles/frame/mounting/voltage/duty to order	TNT-22-110	pc
IEC motor; 7.5 kW class; poles/frame/mounting/voltage/duty to order	TNT-22-111	pc
IEC motor; 11 kW class; poles/frame/mounting/voltage/duty to order	TNT-22-112	pc
IEC motor; 15 kW class; poles/frame/mounting/voltage/duty to order	TNT-22-113	pc
IEC motor; 22 kW class; poles/frame/mounting/voltage/duty to order	TNT-22-114	pc

Soft starters	Reference	Unit
Soft starter, compact; actual motor current and start duty to design	TNT-22-115	pc
Soft starter with bypass/protection arrangement to design	TNT-22-116	pc
Maker-matched external bypass and protection accessories	TNT-22-117	pc

Sensors meters and instrumentation

DIN energy meter	Reference	Unit
Single-phase direct-connected	TNT-23-001	pc
Three-phase direct-connected	TNT-23-002	pc
Three-phase CT-operated	TNT-23-003	pc

Panel instrument	Reference	Unit
Digital ammeter	TNT-23-004	pc
Digital voltmeter	TNT-23-005	pc
Multifunction power meter	TNT-23-006	pc
Frequency meter	TNT-23-007	pc
Power-factor meter	TNT-23-008	pc
Hours-run meter	TNT-23-009	pc
Counter	TNT-23-010	pc

Metering current transformer	Reference	Unit
50/5 A	TNT-23-011	pc
100/5 A	TNT-23-012	pc
200/5 A	TNT-23-013	pc
400/5 A	TNT-23-014	pc
600/5 A	TNT-23-015	pc
Split-core CT; ratio to meter	TNT-23-016	pc

Panel-meter accessory	Reference	Unit
Ammeter selector switch	TNT-23-017	pc
Voltmeter selector switch	TNT-23-018	pc
CT shorting terminal block	TNT-23-019	pc
Meter communication gateway	TNT-23-020	pc

Position / detection sensor	Reference	Unit
M12 inductive proximity	TNT-23-021	pc
M18 inductive proximity	TNT-23-022	pc

Position / detection sensor	Reference	Unit
M30 inductive proximity	TNT-23-023	pc
Capacitive sensor	TNT-23-024	pc
Photoelectric diffuse sensor	TNT-23-025	pc
Photoelectric through-beam pair	TNT-23-026	pc
Limit switch	TNT-23-027	pc
Magnetic reed switch	TNT-23-028	pc

Process instrument	Reference	Unit
Pressure transmitter 4-20 mA	TNT-23-029	pc
Temperature transmitter	TNT-23-030	pc
PT100 probe	TNT-23-031	pc
K-type thermocouple	TNT-23-032	pc
Humidity transmitter	TNT-23-033	pc
Float/level transmitter	TNT-23-034	pc
Flow switch	TNT-23-035	pc
Ultrasonic level sensor	TNT-23-036	pc

Temperature controller	Reference	Unit
DIN 48 x 48 mm	TNT-23-037	pc
DIN 48 x 96 mm	TNT-23-038	pc
DIN 96 x 96 mm	TNT-23-039	pc

Sensor connector / cable	Reference	Unit
M8 sensor lead	TNT-23-040	pc
M12 4-pin lead	TNT-23-041	pc
M12 5-pin lead	TNT-23-042	pc
DIN solenoid connector	TNT-23-043	pc
4-20 mA signal isolator; channels/isolation/supply to loop	TNT-23-051	pc
0-10 V signal converter/isolator; range/output to loop	TNT-23-052	pc
RTD/thermocouple transmitter; input sensor type/range to design	TNT-23-053	pc
Loop-power module; voltage/current/isolation to system	TNT-23-054	pc

Power-factor correction component	Reference	Unit
Capacitor bank step; kVAr to design	TNT-23-044	pc
Capacitor-duty contactor	TNT-23-045	pc
Automatic PF controller	TNT-23-046	pc
Detuned reactor	TNT-23-047	pc

DC shunt and battery-monitor meter	Reference	Unit
DC current shunt with matched meter; current/mV to system	TNT-23-048	set
Battery monitoring display/interface with matched shunt	TNT-23-049	set
Matched shunt sensing leads and fused supply accessories	TNT-23-050	set

UPS batteries and chargers

Line-interactive UPS	Reference	Unit
650 VA class	TNT-24-001	pc
1000 VA class	TNT-24-002	pc
1500 VA class	TNT-24-003	pc
2000 VA class	TNT-24-004	pc

Online double-conversion UPS	Reference	Unit
1 kVA	TNT-24-005	pc
2 kVA	TNT-24-006	pc
3 kVA	TNT-24-007	pc
6 kVA	TNT-24-008	pc
10 kVA	TNT-24-009	pc
Three-phase; engineered capacity	TNT-24-010	pc

UPS accessory	Reference	Unit
Exact-model replacement battery cartridge	TNT-24-011	pc
External battery cabinet	TNT-24-012	pc
Maintenance bypass switch	TNT-24-013	pc
Rack mounting kit	TNT-24-014	pc
Network monitoring card	TNT-24-015	pc

VRLA AGM battery	Reference	Unit
6 V; 4.5 Ah; terminals/case to confirm	TNT-24-016	pc
12 V; 4.5 Ah; terminals/case to confirm	TNT-24-017	pc
12 V; 7 Ah; terminals/case to confirm	TNT-24-018	pc
12 V; 9 Ah; terminals/case to confirm	TNT-24-019	pc
12 V; 12 Ah; terminals/case to confirm	TNT-24-020	pc
12 V; 18 Ah; terminals/case to confirm	TNT-24-021	pc
12 V; 26 Ah; terminals/case to confirm	TNT-24-022	pc
12 V; 40 Ah; terminals/case to confirm	TNT-24-023	pc

VRLA AGM battery	Reference	Unit
12 V; 65 Ah; terminals/case to confirm	TNT-24-024	pc
12 V; 100 Ah; terminals/case to confirm	TNT-24-025	pc

Rechargeable battery retail pack	Reference	Unit
AA NiMH	TNT-24-026	pack
AAA NiMH	TNT-24-027	pack
NiMH AA/AAA charger kit	TNT-24-028	pack

Primary battery retail pack	Reference	Unit
AA alkaline	TNT-24-029	pack
AAA alkaline	TNT-24-030	pack
C alkaline	TNT-24-031	pack
D alkaline	TNT-24-032	pack
9 V alkaline	TNT-24-033	pack
CR2032 coin cell	TNT-24-034	pack
CR2025 coin cell	TNT-24-035	pack
CR123A cell	TNT-24-036	pack

Battery charger	Reference	Unit
12 V lead-acid smart charger	TNT-24-037	pc
24 V lead-acid smart charger	TNT-24-038	pc
OEM lithium battery charger	TNT-24-039	pc

AC voltage stabilizer	Reference	Unit
1 kVA class	TNT-24-040	pc
3 kVA class	TNT-24-041	pc
5 kVA class	TNT-24-042	pc
Servo-regulated industrial unit	TNT-24-043	pc

DC adaptor	Reference	Unit
5 V 2 A	TNT-24-044	pc
9 V 1 A	TNT-24-045	pc

DC adaptor	Reference	Unit
12 V 1 A	TNT-24-046	pc
12 V 2 A	TNT-24-047	pc
12 V 5 A	TNT-24-048	pc
24 V 2 A	TNT-24-049	pc
Industrial isolated DC-DC converter; input/output/current to system	TNT-24-056	pc
Industrial DIN-mounted DC-DC converter; voltage/current/ambient to system	TNT-24-057	pc

Battery connection accessory	Reference	Unit
Insulated terminal boots	TNT-24-050	pc
Fused battery lead	TNT-24-051	pc
DC-rated fuse holder	TNT-24-052	pc
Battery isolation switch	TNT-24-053	pc
Battery rack/cabinet	TNT-24-054	pc

Portable power station	Reference	Unit
Certified lithium unit with OEM charger; capacity to order	TNT-24-055	pc

Solar PV EV and storage

PV module	Reference	Unit
Residential roof module; dimensions/power to design	TNT-25-001	pc
Commercial module; power/string design confirmed	TNT-25-002	pc

Solar inverter	Reference	Unit
String inverter single phase	TNT-25-003	pc
String inverter three phase	TNT-25-004	pc
Hybrid inverter	TNT-25-005	pc
Off-grid inverter	TNT-25-006	pc
Microinverter	TNT-25-007	pc

PV DC cable	Reference	Unit
4 mm2 red	TNT-25-008	m
4 mm2 black	TNT-25-009	m
6 mm2 red	TNT-25-010	m
6 mm2 black	TNT-25-011	m
10 mm2 red	TNT-25-012	m
10 mm2 black	TNT-25-013	m

PV connector component	Reference	Unit
Original matched male/female connector set	TNT-25-014	set
Matched branch connector	TNT-25-015	set
Connector sealing cap	TNT-25-016	set
PV connector manufacturer-matched crimper/die/locator set	TNT-25-050	set
PV connector manufacturer-matched unlocking/spanner tools	TNT-25-051	set

PV DC protection	Reference	Unit
PV-rated DC isolator	TNT-25-017	pc
PV fuse and holder	TNT-25-018	pc
PV surge protection	TNT-25-019	pc
DC combiner box	TNT-25-020	pc

PV DC protection	Reference	Unit
String monitoring device	TNT-25-021	pc

PV mounting / safety component	Reference	Unit
Roof rail	TNT-25-022	pc
Mid clamp	TNT-25-023	pc
End clamp	TNT-25-024	pc
Roof anchor	TNT-25-025	pc
Bonding clamp	TNT-25-026	pc
Cable clip	TNT-25-027	pc
Roof weather seal	TNT-25-028	pc
System safety labels	TNT-25-029	pc

Battery energy storage	Reference	Unit
OEM low-voltage LFP module	TNT-25-030	set
OEM high-voltage battery stack	TNT-25-031	set
OEM battery-management/control unit	TNT-25-032	set
Battery enclosure	TNT-25-033	set

EV AC charging station	Reference	Unit
7.4 kW class; single phase	TNT-25-034	pc
11 kW class; three phase	TNT-25-035	pc
22 kW class; three phase	TNT-25-036	pc

EV charging accessory	Reference	Unit
Type 2 charging lead	TNT-25-037	pc
Charging pedestal	TNT-25-038	pc
Cable holder	TNT-25-039	pc
Load-management meter/controller	TNT-25-040	pc
Manufacturer-specified residual/DC-fault protection	TNT-25-041	pc
EVSE commissioning adaptor	TNT-25-042	pc

EV DC charging station	Reference	Unit
Engineered DC charger; site supply and standards verified	TNT-25-043	set

Solar water pumping system	Reference	Unit
PV, drive, motor/pump and level controls; designed package	TNT-25-044	set

Standalone MPPT solar charge controller	Reference	Unit
Standalone MPPT solar charge controller; 10 A output class; PV voltage/current and battery to design	TNT-25-045	pc
Standalone MPPT solar charge controller; 20 A output class; PV voltage/current and battery to design	TNT-25-046	pc
Standalone MPPT solar charge controller; 30 A output class; PV voltage/current and battery to design	TNT-25-047	pc
Standalone MPPT solar charge controller; 50 A output class; PV voltage/current and battery to design	TNT-25-048	pc
Standalone MPPT solar charge controller; 70 A output class; PV voltage/current and battery to design	TNT-25-049	pc

Network racks and passive cabling

RJ45 modular plug	Reference	Unit
Cat6 unshielded; solid-conductor compatible	TNT-26-001	pack
Cat6 shielded; compatible cable	TNT-26-002	pack
Cat6A shielded; compatible cable	TNT-26-003	pack
RJ11 modular plug; pin count/conductor to cable	TNT-26-073	pc
Telephone IDC connection strip; pair count/mounting to system	TNT-26-074	pc
Telephone termination box with compatible IDC hardware	TNT-26-075	pc

RJ45 keystone jack	Reference	Unit
Cat6 unshielded	TNT-26-004	pc
Cat6 shielded	TNT-26-005	pc
Cat6A shielded	TNT-26-006	pc

RJ45 inline coupler	Reference	Unit
Cat6 unshielded	TNT-26-007	pc
Cat6 shielded	TNT-26-008	pc
Cat6A shielded	TNT-26-009	pc

Factory Cat6 patch cord	Reference	Unit
0.5 m; copper conductors	TNT-26-010	pc
1 m; copper conductors	TNT-26-011	pc
2 m; copper conductors	TNT-26-012	pc
3 m; copper conductors	TNT-26-013	pc
5 m; copper conductors	TNT-26-014	pc
10 m; copper conductors	TNT-26-015	pc
Cat6A patch cord; 0.5 m; shielding/connector/conductor to matched channel	TNT-26-076	pc
Cat6A patch cord; 1 m; shielding/connector/conductor to matched channel	TNT-26-077	pc
Cat6A patch cord; 2 m; shielding/connector/conductor to matched channel	TNT-26-078	pc
Cat6A patch cord; 3 m; shielding/connector/conductor to matched channel	TNT-26-079	pc
Cat6A patch cord; 5 m; shielding/connector/conductor to matched channel	TNT-26-080	pc

Factory Cat6 patch cord	Reference	Unit
Cat6A patch cord; 10 m; shielding/connector/conductor to matched channel	TNT-26-081	pc

Copper patch panel	Reference	Unit
12 port Cat6	TNT-26-016	pc
24 port Cat6	TNT-26-017	pc
48 port Cat6	TNT-26-018	pc
24 port Cat6A	TNT-26-019	pc
24-port unloaded panel	TNT-26-020	pc

Data outlet box and management	Reference	Unit
Single-port faceplate	TNT-26-021	pc
Double-port faceplate	TNT-26-022	pc
Surface outlet box	TNT-26-023	pc
1U horizontal cable manager	TNT-26-024	pc
Brush panel	TNT-26-025	pc
Rack blanking panel	TNT-26-026	pc
Velcro cable management	TNT-26-027	pc

Wall-mounted network rack	Reference	Unit
4U	TNT-26-028	pc
6U	TNT-26-029	pc
9U	TNT-26-030	pc
12U	TNT-26-031	pc
15U	TNT-26-032	pc

Floor-standing network rack	Reference	Unit
18U	TNT-26-033	pc
27U	TNT-26-034	pc
32U	TNT-26-035	pc
42U	TNT-26-036	pc

Network-rack accessory	Reference	Unit
Fixed shelf	TNT-26-037	pc
Sliding shelf	TNT-26-038	pc
Fan tray	TNT-26-039	pc
Castor set	TNT-26-040	pc
Earthing kit	TNT-26-041	pc
Cage nuts/screws	TNT-26-042	pc
Vertical cable manager	TNT-26-043	pc
1U PDU with BS outlets	TNT-26-044	pc

Fibre termination item	Reference	Unit
1U fibre patch panel	TNT-26-045	pc
Wall fibre termination box	TNT-26-046	pc
Splice tray	TNT-26-047	pc
Splice sleeve	TNT-26-048	pc
SC single-mode adaptor	TNT-26-049	pc
LC single-mode adaptor	TNT-26-050	pc
LC multimode adaptor	TNT-26-051	pc
SC/APC adaptor	TNT-26-052	pc

Fibre patch cord	Reference	Unit
OS2 LC-LC duplex	TNT-26-053	pc
OS2 LC-SC duplex	TNT-26-054	pc
OS2 SC-SC duplex	TNT-26-055	pc
OS2 SC/APC-SC/APC simplex	TNT-26-056	pc
OM3 LC-LC duplex	TNT-26-057	pc
OM4 LC-LC duplex	TNT-26-058	pc

Fibre pigtail	Reference	Unit
OS2 SC/UPC	TNT-26-059	pc
OS2 SC/APC	TNT-26-060	pc
OS2 LC/UPC	TNT-26-061	pc

Fibre pigtail	Reference	Unit
OM3 LC/UPC	TNT-26-062	pc

Fibre accessory	Reference	Unit
Fibre cleaning pen	TNT-26-063	pc
Lint-free cleaning swab	TNT-26-064	pc
Dust cap	TNT-26-065	pc
Outdoor splice closure	TNT-26-066	pc
Fibre mechanical splice	TNT-26-067	pc
Fibre attenuator	TNT-26-068	pc
FTTH passive optical splitter 1:2; connector polish/housing/loss to design	TNT-26-082	pc
FTTH passive optical splitter 1:4; connector polish/housing/loss to design	TNT-26-083	pc
FTTH passive optical splitter 1:8; connector polish/housing/loss to design	TNT-26-084	pc
FTTH passive optical splitter 1:16; connector polish/housing/loss to design	TNT-26-085	pc
FTTH passive optical splitter 1:32; connector polish/housing/loss to design	TNT-26-086	pc

Fibre optical transceiver	Reference	Unit
1G SFP single-mode	TNT-26-069	pc
1G SFP multimode	TNT-26-070	pc
10G SFP+ single-mode	TNT-26-071	pc
10G SFP+ multimode	TNT-26-072	pc

Active networking and telecom

Unmanaged network switch	Reference	Unit
5-port gigabit	TNT-27-001	pc
8-port gigabit	TNT-27-002	pc
16-port gigabit	TNT-27-003	pc
24-port gigabit	TNT-27-004	pc

PoE network switch	Reference	Unit
4 PoE ports plus uplink	TNT-27-005	pc
8 PoE ports plus uplink	TNT-27-006	pc
16 PoE ports	TNT-27-007	pc
24 PoE ports	TNT-27-008	pc

Managed network switch	Reference	Unit
8-port gigabit	TNT-27-009	pc
24-port gigabit	TNT-27-010	pc
48-port gigabit	TNT-27-011	pc
Industrial DIN-rail Ethernet switch	TNT-27-012	pc

Wireless router / access point	Reference	Unit
Wi-Fi 6 home router	TNT-27-013	pc
Wi-Fi 6 ceiling access point	TNT-27-014	pc
Mesh Wi-Fi kit	TNT-27-015	pc
Outdoor approved access point	TNT-27-016	pc
4G/5G cellular router	TNT-27-017	pc
Matched outdoor point-to-point wireless bridge pair; approved band/link design	TNT-27-038	pair

Networking power / controller	Reference	Unit
802.3af/at PoE injector	TNT-27-018	pc
802.3bt PoE injector	TNT-27-019	pc
Matching PoE splitter	TNT-27-020	pc
Hardware network controller	TNT-27-021	pc

Networking power / controller	Reference	Unit
Router backup mini-UPS	TNT-27-022	pc

Network conversion / extension	Reference	Unit
Gigabit fibre media converter	TNT-27-023	pc
Ethernet extender	TNT-27-024	pc
USB Ethernet adaptor	TNT-27-025	pc
Wi-Fi USB adaptor	TNT-27-026	pc

Business network equipment	Reference	Unit
Firewall/router gateway	TNT-27-027	pc
Enterprise wireless access point	TNT-27-028	pc
Network storage enclosure	TNT-27-029	pc
Small-business server	TNT-27-030	pc
Rack UPS management solution	TNT-27-031	pc

Telephone equipment	Reference	Unit
Corded telephone	TNT-27-032	pc
Cordless DECT phone	TNT-27-033	pc
IP telephone	TNT-27-034	pc
Small IP PBX	TNT-27-035	pc
Telephone line splitter	TNT-27-036	pc

Radio communications equipment	Reference	Unit
TRA-approved two-way radio and accessories; spectrum permission checked	TNT-27-037	pc

CCTV and security video

IP security camera - visible installation	Reference	Unit
2 MP fixed turret	TNT-28-001	pc
4 MP fixed turret	TNT-28-002	pc
8 MP fixed turret	TNT-28-003	pc
4 MP bullet	TNT-28-004	pc
8 MP bullet	TNT-28-005	pc
Varifocal dome/turret	TNT-28-006	pc
PTZ camera	TNT-28-007	pc

Legacy CCTV camera	Reference	Unit
2 MP analogue HD	TNT-28-008	pc
5 MP analogue HD	TNT-28-009	pc
8 MP analogue HD	TNT-28-010	pc

Network video recorder	Reference	Unit
4-channel	TNT-28-011	pc
8-channel	TNT-28-012	pc
16-channel	TNT-28-013	pc
32-channel	TNT-28-014	pc

Hybrid DVR	Reference	Unit
4-channel	TNT-28-015	pc
8-channel	TNT-28-016	pc
16-channel	TNT-28-017	pc

Surveillance hard disk	Reference	Unit
1 TB	TNT-28-018	pc
2 TB	TNT-28-019	pc
4 TB	TNT-28-020	pc
6 TB	TNT-28-021	pc
8 TB	TNT-28-022	pc

Surveillance hard disk	Reference	Unit
Surveillance-endurance microSD; 64 GB class; camera compatibility/retention to design	TNT-28-043	pc
Surveillance-endurance microSD; 128 GB class; camera compatibility/retention to design	TNT-28-044	pc
Surveillance-endurance microSD; 256 GB class; camera compatibility/retention to design	TNT-28-045	pc

CCTV power supply	Reference	Unit
12 V regulated 5 A	TNT-28-023	pc
12 V regulated 10 A	TNT-28-024	pc
Fused multi-output 12 V box	TNT-28-025	pc

CCTV installation accessory	Reference	Unit
Camera junction box	TNT-28-026	pc
Wall/pole bracket	TNT-28-027	pc
BNC compression connector	TNT-28-028	pc
DC barrel connector	TNT-28-029	pc
Video balun pair	TNT-28-030	pc
Weatherproof RJ45 gland	TNT-28-031	pc
Outdoor enclosure	TNT-28-032	pc
Camera identification sign	TNT-28-033	pc

Video display / transmission	Reference	Unit
24-inch monitoring screen	TNT-28-034	pc
HDMI extender over Cat6	TNT-28-035	pc
HDMI splitter	TNT-28-036	pc
Video encoder	TNT-28-037	pc

Standalone visible Wi-Fi camera	Reference	Unit
Indoor model	TNT-28-038	pc
Outdoor model	TNT-28-039	pc

CCTV complete package	Reference	Unit
4-camera wired system	TNT-28-040	set
8-camera wired system	TNT-28-041	set

CCTV complete package	Reference	Unit
16-camera wired system	TNT-28-042	set

Access control intercom and alarms

Audio door entry kit	Reference	Unit
1 entrance / 1 handset	TNT-29-001	set
1 entrance / 2 handsets	TNT-29-002	set

Video intercom kit	Reference	Unit
Single-villa wired	TNT-29-003	set
IP door station and monitor	TNT-29-004	set
Multi-apartment system	TNT-29-005	set

Doorbell	Reference	Unit
Wired chime	TNT-29-006	pc
Bell transformer	TNT-29-007	pc
Approved wireless doorbell kit	TNT-29-008	pc

Access controller	Reference	Unit
Standalone keypad/card reader	TNT-29-009	pc
1-door network controller	TNT-29-010	pc
2-door network controller	TNT-29-011	pc
4-door network controller	TNT-29-012	pc

Door locking component	Reference	Unit
Electromagnetic lock	TNT-29-013	pc
Electric strike	TNT-29-014	pc
Drop bolt	TNT-29-015	pc
Lock mounting bracket	TNT-29-016	pc

Access-control accessory	Reference	Unit
Exit pushbutton	TNT-29-017	pc
Emergency door-release unit	TNT-29-018	pc
Door magnetic contact	TNT-29-019	pc
Access-control power supply	TNT-29-020	pc

Access-control accessory	Reference	Unit
RFID card	TNT-29-021	pc
RFID key fob	TNT-29-022	pc
Door-position sensor	TNT-29-023	pc

Time attendance terminal	Reference	Unit
Card/PIN model	TNT-29-024	pc
Biometric model; applicable privacy rules reviewed	TNT-29-025	pc

Intruder alarm component	Reference	Unit
Wired alarm panel	TNT-29-026	pc
PIR detector	TNT-29-027	pc
Magnetic door contact	TNT-29-028	pc
Internal sounder	TNT-29-029	pc
External sounder/strobe	TNT-29-030	pc
Backup battery pack	TNT-29-031	pc
Keypad	TNT-29-032	pc

Gate automation electronics	Reference	Unit
OEM receiver	TNT-29-033	pc
Approved remote transmitter	TNT-29-034	pc
Photoelectric safety beam	TNT-29-035	pc
Loop detector	TNT-29-036	pc
Control board	TNT-29-037	pc
Gate-motor controller	TNT-29-038	pc
Complete sliding-gate operator kit; load/duty/rack/safety devices to specialist	TNT-29-044	set
Complete swing-gate operator kit; geometry/duty/arms/safety devices to specialist	TNT-29-045	set

Assistance / security call system	Reference	Unit
Disabled-toilet alarm kit	TNT-29-039	set
Panic alarm button	TNT-29-040	set
Nurse-call system component	TNT-29-041	set

Fire-door hold-open magnet and release interface	Reference	Unit
Fire-door hold-open electromagnet; approved release system	TNT-29-042	set
Matched fire-door release interface and local release unit	TNT-29-043	set

Fire alarm PA and BMS

Conventional fire-alarm component	Reference	Unit
2-zone panel	TNT-30-001	pc
4-zone panel	TNT-30-002	pc
8-zone panel	TNT-30-003	pc
Smoke detector and base	TNT-30-004	pc
Heat detector and base	TNT-30-005	pc
Manual call point	TNT-30-006	pc
Alarm sounder	TNT-30-007	pc
Sounder/beacon	TNT-30-008	pc
End-of-line device	TNT-30-009	pc

Addressable fire-alarm component	Reference	Unit
Loop panel	TNT-30-010	pc
Optical smoke detector	TNT-30-011	pc
Heat detector	TNT-30-012	pc
Multisensor detector	TNT-30-013	pc
Detector base	TNT-30-014	pc
Addressable manual call point	TNT-30-015	pc
Loop isolator	TNT-30-016	pc
Monitor module	TNT-30-017	pc
Control module	TNT-30-018	pc
Addressable sounder	TNT-30-019	pc
Repeater panel	TNT-30-020	pc

Specialist fire detection	Reference	Unit
Beam detector	TNT-30-021	pc
Duct detector	TNT-30-022	pc
Aspirating detector	TNT-30-023	pc
Flame detector	TNT-30-024	pc
Gas detection interface	TNT-30-025	pc

Specialist fire detection	Reference	Unit
Certified gas detection head/controller/alarm package; gas and range to approved design	TNT-30-054	set
Matched gas shutoff/interface package; approved system selection	TNT-30-055	set

Fire-alarm service accessory	Reference	Unit
Approved standby power supply	TNT-30-026	pc
Exact battery pack	TNT-30-027	pc
Call-point reset key	TNT-30-028	pc
Detector removal tool	TNT-30-029	pc
Approved detector test kit	TNT-30-030	kit
Protective detector cage	TNT-30-031	pc

Standalone home safety detector	Reference	Unit
Approved smoke alarm	TNT-30-032	pc
Approved heat alarm	TNT-30-033	pc
Approved carbon-monoxide alarm	TNT-30-034	pc

Public-address audio equipment	Reference	Unit
Mixer amplifier	TNT-30-035	pc
Ceiling speaker	TNT-30-036	pc
Wall speaker	TNT-30-037	pc
Horn speaker	TNT-30-038	pc
Paging microphone	TNT-30-039	pc
Zone selector	TNT-30-040	pc
Attenuator/volume controller	TNT-30-041	pc
Audio mixer	TNT-30-042	pc

Certified voice-alarm component	Reference	Unit
System controller	TNT-30-043	pc
Certified amplifier	TNT-30-044	pc
Certified speaker	TNT-30-045	pc
Emergency microphone	TNT-30-046	pc

Certified voice-alarm component	Reference	Unit
Battery charger/backup system	TNT-30-047	pc

Building management system	Reference	Unit
DDC controller	TNT-30-048	pc
BMS gateway	TNT-30-049	pc
Room control module	TNT-30-050	pc
Damper actuator	TNT-30-051	pc
Valve actuator	TNT-30-052	pc
BMS operator workstation/software	TNT-30-053	pc

Computer mobile and AV accessories

USB charging / data cable	Reference	Unit
USB-A to USB-C; 1 m	TNT-31-001	pc
USB-C to USB-C; 1 m	TNT-31-002	pc
USB-C to USB-C; 2 m	TNT-31-003	pc
USB-A to Micro-USB	TNT-31-004	pc
Licensed Lightning cable	TNT-31-005	pc

Mains USB charger - BS plug	Reference	Unit
20 W USB-C PD class	TNT-31-006	pc
30 W USB-C PD class	TNT-31-007	pc
45 W USB-C PD class	TNT-31-008	pc
65 W USB-C PD class	TNT-31-009	pc
Multiport charger	TNT-31-010	pc

Mobile power accessory	Reference	Unit
Certified power bank 10,000 mAh class	TNT-31-011	pc
Certified power bank 20,000 mAh class	TNT-31-012	pc
Wireless charging pad	TNT-31-013	pc
Vehicle USB charger	TNT-31-014	pc

Computer cable / adaptor	Reference	Unit
USB-A extension	TNT-31-015	pc
USB-C hub	TNT-31-016	pc
USB printer cable	TNT-31-017	pc
DisplayPort cable	TNT-31-018	pc
DVI cable	TNT-31-019	pc
VGA cable	TNT-31-020	pc
HDMI to VGA active adaptor	TNT-31-021	pc
USB-C to HDMI adaptor	TNT-31-022	pc
USB-C docking station	TNT-31-023	pc

HDMI cable	Reference	Unit
1.5 m	TNT-31-024	pc
3 m	TNT-31-025	pc
5 m	TNT-31-026	pc
10 m; active where required	TNT-31-027	pc

Audio cable / connector	Reference	Unit
3.5 mm stereo cable	TNT-31-028	pc
3.5 mm to RCA	TNT-31-029	pc
RCA pair	TNT-31-030	pc
Optical audio cable	TNT-31-031	pc
XLR lead	TNT-31-032	pc
6.35 mm jack lead	TNT-31-033	pc
Speaker connector	TNT-31-034	pc

Computer peripheral	Reference	Unit
Wired mouse	TNT-31-035	pc
Wireless mouse	TNT-31-036	pc
Wired keyboard	TNT-31-037	pc
Keyboard/mouse set	TNT-31-038	pc
Webcam	TNT-31-039	pc
USB headset	TNT-31-040	pc
USB speaker	TNT-31-041	pc
Laptop cooling stand	TNT-31-042	pc

Computer storage	Reference	Unit
USB flash drive	TNT-31-043	pc
MicroSD memory card	TNT-31-044	pc
SD memory card	TNT-31-045	pc
External HDD	TNT-31-046	pc
External SSD	TNT-31-047	pc
Internal SATA SSD	TNT-31-048	pc

Computer storage	Reference	Unit
NVMe SSD	TNT-31-049	pc
RAM module	TNT-31-050	pc

Computer / TV accessories	Reference	Unit
Memory-card reader	TNT-31-051	pc
Monitor bracket	TNT-31-052	pc
TV wall bracket	TNT-31-053	pc
Universal TV remote	TNT-31-054	pc
Laptop OEM adaptor	TNT-31-055	pc
Printer cable	TNT-31-056	pc
Network printer consumables; exact model	TNT-31-057	pc

Satellite reception accessory	Reference	Unit
Dish	TNT-31-058	pc
Universal LNB	TNT-31-059	pc
Approved free-to-air receiver	TNT-31-060	pc
Satellite multiswitch	TNT-31-061	pc
F connector	TNT-31-062	pc
Coaxial splitter	TNT-31-063	pc

Consumer audio / video product	Reference	Unit
Bluetooth speaker	TNT-31-064	pc
Headphones/earbuds	TNT-31-065	pc
Projector	TNT-31-066	pc
Projector screen	TNT-31-067	pc
TV	TNT-31-068	pc
Computer monitor	TNT-31-069	pc

Computing / mobile device	Reference	Unit
Laptop	TNT-31-070	pc
Desktop system	TNT-31-071	pc

Computing / mobile device	Reference	Unit
Tablet	TNT-31-072	pc
Smartphone	TNT-31-073	pc
Printer/scanner	TNT-31-074	pc

Point-of-sale hardware peripherals	Reference	Unit
Handheld barcode scanner; interface and software compatibility to model	TNT-31-075	pc
Receipt printer; paper width/interface/driver to POS system	TNT-31-076	pc
Cash drawer; trigger/interface to POS system	TNT-31-077	pc
Matched receipt paper/consumables; exact printer specification	TNT-31-078	pc

Phone cases / screen protectors	Reference	Unit
Protective phone case; one selected handset model per SKU	TNT-31-079	pc
Screen protector; one selected handset model per SKU	TNT-31-080	pc

Electronic components and repair

Through-hole resistor	Reference	Unit
100 ohm	TNT-32-001	pack
220 ohm	TNT-32-002	pack
330 ohm	TNT-32-003	pack
470 ohm	TNT-32-004	pack
1 kohm	TNT-32-005	pack
2.2 kohm	TNT-32-006	pack
4.7 kohm	TNT-32-007	pack
10 kohm	TNT-32-008	pack
47 kohm	TNT-32-009	pack
100 kohm	TNT-32-010	pack
1 Mohm	TNT-32-011	pack

Repair resistor assortment	Reference	Unit
Metal-film value kit	TNT-32-012	kit
SMD 0603 kit	TNT-32-013	kit
SMD 0805 kit	TNT-32-014	kit
Wirewound power resistor	TNT-32-015	pc
Fusible resistor; exact type	TNT-32-016	pc

Variable resistor	Reference	Unit
Rotary potentiometer	TNT-32-017	pc
Trimmer potentiometer	TNT-32-018	pc
Multiturn trimmer	TNT-32-019	pc

Ceramic / film capacitor	Reference	Unit
100 pF	TNT-32-020	pack
1 nF	TNT-32-021	pack
10 nF	TNT-32-022	pack
100 nF	TNT-32-023	pack

Ceramic / film capacitor	Reference	Unit
1 microfarad film	TNT-32-024	pack
Class X2 mains-suppression capacitor	TNT-32-025	pack
Class Y safety capacitor	TNT-32-026	pack

Electrolytic capacitor	Reference	Unit
10 microfarad	TNT-32-027	pack
47 microfarad	TNT-32-028	pack
100 microfarad	TNT-32-029	pack
220 microfarad	TNT-32-030	pack
470 microfarad	TNT-32-031	pack
1000 microfarad	TNT-32-032	pack
2200 microfarad	TNT-32-033	pack
4700 microfarad	TNT-32-034	pack

Electronic diode	Reference	Unit
General rectifier	TNT-32-035	pc
Schottky rectifier	TNT-32-036	pc
Fast recovery diode	TNT-32-037	pc
Zener diode	TNT-32-038	pc
TVS suppressor	TNT-32-039	pc
Bridge rectifier	TNT-32-040	pc
Small-signal diode	TNT-32-041	pc

Electronic semiconductor	Reference	Unit
NPN transistor	TNT-32-042	pc
PNP transistor	TNT-32-043	pc
N-channel MOSFET	TNT-32-044	pc
P-channel MOSFET	TNT-32-045	pc
IGBT	TNT-32-046	pc
TRIAC	TNT-32-047	pc
SCR	TNT-32-048	pc

Electronic semiconductor	Reference	Unit
Optocoupler	TNT-32-049	pc

Integrated circuit	Reference	Unit
5 V linear regulator	TNT-32-050	pc
12 V linear regulator	TNT-32-051	pc
Adjustable regulator	TNT-32-052	pc
Timer IC	TNT-32-053	pc
Operational amplifier	TNT-32-054	pc
Comparator	TNT-32-055	pc
Logic gate IC	TNT-32-056	pc
Motor-driver IC	TNT-32-057	pc
PWM controller IC	TNT-32-058	pc

Small electronic protection part	Reference	Unit
Glass fuse 5 x 20 mm	TNT-32-059	pc
Ceramic fuse 5 x 20 mm	TNT-32-060	pc
Glass fuse 6.3 x 32 mm	TNT-32-061	pc
PCB fuse holder	TNT-32-062	pc
Thermal fuse	TNT-32-063	pc
Resettable fuse	TNT-32-064	pc
Varistor	TNT-32-065	pc
NTC thermistor	TNT-32-066	pc
PTC thermistor	TNT-32-067	pc

Electronic indicator / display	Reference	Unit
3 mm LED	TNT-32-068	pc
5 mm LED	TNT-32-069	pc
RGB LED	TNT-32-070	pc
IR emitter	TNT-32-071	pc
Photodiode	TNT-32-072	pc
Seven-segment display	TNT-32-073	pc

Electronic indicator / display	Reference	Unit
LCD module	TNT-32-074	pc
OLED module	TNT-32-075	pc
Piezo buzzer	TNT-32-076	pc

Electronic relay / switch	Reference	Unit
5 V PCB relay	TNT-32-077	pc
12 V PCB relay	TNT-32-078	pc
24 V PCB relay	TNT-32-079	pc
Tactile switch	TNT-32-080	pc
Miniature toggle switch	TNT-32-081	pc
Rocker switch	TNT-32-082	pc
DIP switch	TNT-32-083	pc
Microswitch	TNT-32-084	pc

PCB / prototype accessory	Reference	Unit
Breadboard	TNT-32-085	pc
Perfboard	TNT-32-086	pc
Copper-clad board	TNT-32-087	pc
Jumper-wire set	TNT-32-088	pc
Pin-header strip	TNT-32-089	pc
IC socket	TNT-32-090	pc
PCB screw terminal	TNT-32-091	pc
Polarized wire-to-board connector	TNT-32-092	pc
Heat sink	TNT-32-093	pc
Thermal pad	TNT-32-094	pc
Insulating shoulder washer	TNT-32-095	pc

Low-voltage connector	Reference	Unit
DC barrel plug	TNT-32-096	pc
DC barrel socket	TNT-32-097	pc
Banana plug	TNT-32-098	pc

Low-voltage connector	Reference	Unit
Banana socket	TNT-32-099	pc
Crocodile clip	TNT-32-100	pc
USB connector	TNT-32-101	pc
D-sub connector	TNT-32-102	pc
Battery holder	TNT-32-103	pc
Coin-cell holder	TNT-32-104	pc

Low-voltage power / educational module	Reference	Unit
DC-DC buck converter	TNT-32-105	pc
DC-DC boost converter	TNT-32-106	pc
Protected relay module	TNT-32-107	pc
Microcontroller development board	TNT-32-108	pc
Approved wireless development board	TNT-32-109	pc
Sensor starter kit	TNT-32-110	pc

Electronic cooling fan	Reference	Unit
5 V miniature	TNT-32-111	pc
12 V 40 mm	TNT-32-112	pc
12 V 80 mm	TNT-32-113	pc
12 V 120 mm	TNT-32-114	pc
24 V industrial	TNT-32-115	pc

Soldering and bench repair equipment	Reference	Unit
Temperature-controlled soldering station	TNT-32-116	pc
Soldering iron	TNT-32-117	pc
Hot-air rework station	TNT-32-118	pc
Bench DC supply	TNT-32-119	pc
Desoldering pump	TNT-32-120	pc
Solder wick	TNT-32-121	pc
Lead-free solder	TNT-32-122	pc
Electronics flux	TNT-32-123	pc

Soldering and bench repair equipment	Reference	Unit
Soldering tip	TNT-32-124	pc
Fume extractor	TNT-32-125	pc
PCB holder	TNT-32-126	pc
Magnifier	TNT-32-127	pc

Repair workbench consumable	Reference	Unit
ESD wrist strap	TNT-32-128	pc
ESD mat	TNT-32-129	pc
ESD storage bag	TNT-32-130	pc
Precision tweezers	TNT-32-131	pc
Thermal paste	TNT-32-132	pc
Electronics contact cleaner	TNT-32-133	pc
Insulating varnish	TNT-32-134	pc
Conformal coating	TNT-32-135	pc

Inductors, chokes and ferrite components	Reference	Unit
Through-hole power inductor; exact inductance/current/package	TNT-32-136	pc
Surface-mount power inductor; exact inductance/current/package	TNT-32-137	pc
Common-mode choke; circuit rating and insulation to use	TNT-32-138	pc
Ferrite clamp/core; cable diameter/frequency/material to use	TNT-32-139	pc

Crystals / oscillators and resonators	Reference	Unit
Quartz crystal; exact frequency/load/package	TNT-32-140	pc
Ceramic resonator; exact frequency/circuit/package	TNT-32-141	pc
Active oscillator; exact frequency/supply/output/package	TNT-32-142	pc

Bench oscilloscope / LCR-ESR / signal generator	Reference	Unit
Bench oscilloscope with compatible probes; bandwidth and safety class to task	TNT-32-143	pc
LCR meter with fixtures; frequency/range to components	TNT-32-144	pc
ESR/capacitance meter; suitable discharged-component procedure	TNT-32-145	pc
Function/signal generator; frequency/output limits to task	TNT-32-146	pc

Smart home controls

Smart-home wall control	Reference	Unit
1-gang smart switch	TNT-33-001	pc
2-gang smart switch	TNT-33-002	pc
3-gang smart switch	TNT-33-003	pc
Smart dimmer	TNT-33-004	pc
Curtain/blind switch	TNT-33-005	pc
Touch panel	TNT-33-006	pc

Smart-home outlet / module	Reference	Unit
BS smart plug	TNT-33-007	pc
DIN smart relay	TNT-33-008	pc
In-wall relay	TNT-33-009	pc
Energy-monitoring module	TNT-33-010	pc
Heavy-load contactor interface	TNT-33-011	pc

Smart-home sensor	Reference	Unit
Door/window sensor	TNT-33-012	pc
Motion sensor	TNT-33-013	pc
Temperature/humidity sensor	TNT-33-014	pc
Water-leak sensor	TNT-33-015	pc
Smoke-alarm interface	TNT-33-016	pc
Residential smart door-lock assembly; door/handing/override/protocol to exact model	TNT-33-035	set

Smart-home gateway / controller	Reference	Unit
Zigbee gateway	TNT-33-017	pc
Matter/Thread border-router ecosystem	TNT-33-018	pc
Wi-Fi hub	TNT-33-019	pc
Scene controller	TNT-33-020	pc
IR controller	TNT-33-021	pc

KNX building automation	Reference	Unit
KNX power supply	TNT-33-022	pc
Switch actuator	TNT-33-023	pc
Dimming actuator	TNT-33-024	pc
Shutter actuator	TNT-33-025	pc
Input module	TNT-33-026	pc
Room controller	TNT-33-027	pc
IP interface	TNT-33-028	pc
Programming/service interface	TNT-33-029	pc

Smart heating / shading	Reference	Unit
Compatible smart thermostat	TNT-33-030	pc
Curtain motor	TNT-33-031	pc
Blind motor	TNT-33-032	pc
Valve actuator controller	TNT-33-033	pc

Smart-home demonstration kit	Reference	Unit
One complete supported ecosystem; no mixed-protocol assumptions	TNT-33-034	set

Tools and installation equipment

Insulated screwdriver	Reference	Unit
Slotted 3 mm	TNT-34-001	pc
Slotted 4 mm	TNT-34-002	pc
Slotted 5.5 mm	TNT-34-003	pc
PH1	TNT-34-004	pc
PH2	TNT-34-005	pc
PZ2	TNT-34-006	pc
Assorted certified set	TNT-34-007	pc

Electrician hand tool	Reference	Unit
Combination pliers	TNT-34-008	pc
Long-nose pliers	TNT-34-009	pc
Diagonal cutter	TNT-34-010	pc
Cable cutter	TNT-34-011	pc
Wire stripper	TNT-34-012	pc
Automatic wire stripper	TNT-34-013	pc
Adjustable spanner	TNT-34-014	pc
Hex-key set	TNT-34-015	pc
Nut-driver set	TNT-34-016	pc
Ratchet/socket set	TNT-34-017	pc
Measuring tape	TNT-34-018	pc
Hacksaw	TNT-34-019	pc
Utility knife	TNT-34-020	pc
Deburring tool	TNT-34-021	pc

Cable termination tool	Reference	Unit
Ferrule crimper	TNT-34-022	pc
Insulated-terminal crimper	TNT-34-023	pc
Non-insulated terminal crimper	TNT-34-024	pc
Cable-lug hex crimper	TNT-34-025	pc

Cable termination tool	Reference	Unit
Hydraulic lug crimper	TNT-34-026	pc
Coaxial compression tool	TNT-34-027	pc
Cable jacket stripper	TNT-34-028	pc
Armour cutter	TNT-34-029	pc
Cable gland spanner	TNT-34-030	pc

Data installation tool	Reference	Unit
RJ45 crimper	TNT-34-031	pc
RJ45 pass-through cutter	TNT-34-032	pc
Punch-down tool	TNT-34-033	pc
Cable jacket stripper for data	TNT-34-034	pc
Fibre stripper	TNT-34-035	pc
Fibre cleaver	TNT-34-036	pc

Cable installation equipment	Reference	Unit
Fish tape 10 m	TNT-34-037	pc
Fish tape 20 m	TNT-34-038	pc
Fish tape 30 m	TNT-34-039	pc
Fibreglass draw rods	TNT-34-040	pc
Cable roller	TNT-34-041	pc
Cable drum jack	TNT-34-042	pc
Cable pulling grip	TNT-34-043	pc
Cable pulling winch	TNT-34-044	pc

Conduit installation tool	Reference	Unit
PVC bending spring 20 mm	TNT-34-045	pc
PVC bending spring 25 mm	TNT-34-046	pc
PVC conduit cutter	TNT-34-047	pc
Manual GI conduit bender	TNT-34-048	pc
Pipe threading die set	TNT-34-049	pc
Knockout punch set	TNT-34-050	pc

Power tool	Reference	Unit
Cordless drill/driver	TNT-34-051	pc
Impact drill	TNT-34-052	pc
SDS rotary hammer	TNT-34-053	pc
Cordless impact driver	TNT-34-054	pc
Angle grinder	TNT-34-055	pc
Heat gun	TNT-34-056	pc
Hot glue gun	TNT-34-057	pc
Wall chaser	TNT-34-058	pc
Reciprocating saw	TNT-34-059	pc
Portable vacuum/dust extractor	TNT-34-060	pc

Tool accessory	Reference	Unit
OEM battery pack	TNT-34-061	pc
OEM charger	TNT-34-062	pc
Drill bit set	TNT-34-063	pc
Masonry bit set	TNT-34-064	pc
SDS bit set	TNT-34-065	pc
Step drill	TNT-34-066	pc
Metal hole saw	TNT-34-067	pc
Bi-metal hole saw arbor	TNT-34-068	pc
Grinding disc	TNT-34-069	pc
Cutting disc	TNT-34-070	pc
Driver bits	TNT-34-071	pc
Dust extraction adaptor	TNT-34-072	pc

Installation support equipment	Reference	Unit
Fibreglass stepladder	TNT-34-073	pc
Platform ladder	TNT-34-074	pc
Tool bag	TNT-34-075	pc
Toolbox	TNT-34-076	pc
Site workbench	TNT-34-077	pc

Installation support equipment	Reference	Unit
Portable vice	TNT-34-078	pc

Specialist installation equipment	Reference	Unit
Fibre fusion splicer	TNT-34-079	pc
Cable fault-location equipment	TNT-34-080	pc
Hydraulic cable cutter	TNT-34-081	pc
Cable pulling dynamometer	TNT-34-082	pc
Laser distance measure; range/accuracy/class to task	TNT-34-090	pc
Line laser level; accuracy/class/accessories to task	TNT-34-091	pc
Concealed-service detector; supported materials/limitations to maker	TNT-34-092	pc

Insulated torque screwdriver and matched bits	Reference	Unit
Insulated torque screwdriver set; torque range, bits and calibration to job	TNT-34-083	set
Matched insulated replacement bit set; tool family to confirm	TNT-34-084	set

Industrial label printer and refills	Reference	Unit
Portable industrial electrical-label printer; one selected platform	TNT-34-085	pc
Laminated label tape; width/colour to selected printer	TNT-34-086	pc
Cable wrap/flag label media; width/adhesive to selected printer	TNT-34-087	pc
Printable heat-shrink tube media; diameter to selected printer	TNT-34-088	pc
Replacement printer ribbon/cartridge; exact model	TNT-34-089	pc

Testing and measuring equipment

Electrical tester	Reference	Unit
Two-pole voltage tester	TNT-35-001	pc
Proving unit	TNT-35-002	pc
Socket wiring tester	TNT-35-003	pc
Non-contact voltage indicator	TNT-35-004	pc

Digital multimeter	Reference	Unit
Entry professional CAT-rated	TNT-35-005	pc
True-RMS professional	TNT-35-006	pc
High-current/advanced service model	TNT-35-007	pc

Clamp meter	Reference	Unit
AC current	TNT-35-008	pc
AC/DC current	TNT-35-009	pc
Leakage-current clamp	TNT-35-010	pc
Flexible current probe	TNT-35-011	pc

Insulation-resistance tester	Reference	Unit
250/500/1000 V test ranges	TNT-35-012	pc
5 kV specialist test set	TNT-35-013	pc

Installation tester	Reference	Unit
RCD tester	TNT-35-014	pc
Earth-loop impedance tester	TNT-35-015	pc
Multifunction installation tester	TNT-35-016	pc
Earth resistance tester	TNT-35-017	pc
Phase-sequence tester	TNT-35-018	pc

Electrical diagnostic instrument	Reference	Unit
Power quality analyser	TNT-35-019	pc
Power logger	TNT-35-020	pc

Electrical diagnostic instrument	Reference	Unit
Thermal camera	TNT-35-021	pc
IR thermometer	TNT-35-022	pc
Contact temperature meter	TNT-35-023	pc
Lux meter	TNT-35-024	pc
Battery analyser	TNT-35-025	pc

Network / CCTV test instrument	Reference	Unit
RJ45 continuity tester	TNT-35-026	pc
Cable toner and probe	TNT-35-027	pc
CCTV installation monitor/tester	TNT-35-028	pc
Network cable qualifier	TNT-35-029	pc
Network cable certifier	TNT-35-030	pc

Fibre / process test instrument	Reference	Unit
Visual fault locator	TNT-35-031	pc
Optical power meter	TNT-35-032	pc
Optical light source	TNT-35-033	pc
OTDR	TNT-35-034	pc
Process loop calibrator	TNT-35-035	pc
Tachometer	TNT-35-036	pc

Test instrument accessory	Reference	Unit
Fused test leads	TNT-35-037	pc
Replacement meter fuse	TNT-35-038	pc
Insulated crocodile clips	TNT-35-039	pc
Temperature probe	TNT-35-040	pc
Test-probe tips	TNT-35-041	pc
Instrument carry case	TNT-35-042	pc

Portable appliance safety tester	Reference	Unit
Portable appliance safety tester; required test sequence/lead set to task	TNT-35-043	set

Portable appliance safety tester	Reference	Unit
Maker-matched appliance-test adaptors and leads	TNT-35-044	set

Fixings consumables and PPE

Electrical insulating tape	Reference	Unit
Black	TNT-36-001	roll
Red	TNT-36-002	roll
Blue	TNT-36-003	roll
Yellow	TNT-36-004	roll
Green	TNT-36-005	roll
Green/yellow	TNT-36-006	roll
White	TNT-36-007	roll

Special tape	Reference	Unit
Self-amalgamating tape	TNT-36-008	roll
PVC protective tape	TNT-36-009	roll
Aluminium foil tape	TNT-36-010	roll
Cloth duct tape	TNT-36-011	roll
Double-sided mounting tape	TNT-36-012	roll
Heat-resistant insulation tape	TNT-36-013	roll

Nylon cable tie	Reference	Unit
100 mm	TNT-36-014	pack
150 mm	TNT-36-015	pack
200 mm	TNT-36-016	pack
250 mm	TNT-36-017	pack
300 mm	TNT-36-018	pack
370 mm	TNT-36-019	pack
450 mm	TNT-36-020	pack

Cable tie / clip accessory	Reference	Unit
UV-black tie assortment	TNT-36-021	pack
Stainless-steel tie	TNT-36-022	pack
Releasable tie	TNT-36-023	pack

Cable tie / clip accessory	Reference	Unit
Adhesive tie base	TNT-36-024	pack
Screw tie base	TNT-36-025	pack
Saddle tie base	TNT-36-026	pack
Cable nail clip	TNT-36-027	pack

Cable identification item	Reference	Unit
Numbered wire marker	TNT-36-028	pc
Printable cable label	TNT-36-029	pc
Heat-shrink marker	TNT-36-030	pc
Panel engraved label	TNT-36-031	pc
Circuit schedule sleeve	TNT-36-032	pc
Warning label	TNT-36-033	pc
Cable route warning tape	TNT-36-034	pc
Underground route marker	TNT-36-035	pc

Fixing / fastener	Reference	Unit
Wall plug 6 mm	TNT-36-036	pack
Wall plug 8 mm	TNT-36-037	pack
Wall plug 10 mm	TNT-36-038	pack
Self-tapping screw	TNT-36-039	pack
Self-drilling screw	TNT-36-040	pack
Machine screw	TNT-36-041	pack
Wood screw	TNT-36-042	pack
Coach screw	TNT-36-043	pack
Expansion anchor	TNT-36-044	pack
Drop-in anchor	TNT-36-045	pack
Nuts and washers	TNT-36-046	pack
Threaded-rod coupler	TNT-36-047	pack

Installation consumable	Reference	Unit
PVC conduit solvent cement	TNT-36-048	pc

Installation consumable	Reference	Unit
Cable pulling lubricant	TNT-36-049	pc
Approved neutral-cure sealant	TNT-36-050	pc
Electrical enclosure gasket	TNT-36-051	pc
Approved firestop sealant	TNT-36-052	pc
Approved firestop collar	TNT-36-053	pc
Cleaning cloth	TNT-36-054	pc
Panel touch-up coating	TNT-36-055	pc
Approved firestop putty pad; tested box/wall system	TNT-36-076	pc
Approved firestop block; tested penetration/cable-fill system	TNT-36-077	pc
Approved firestop plug; tested opening/penetration system	TNT-36-078	pc
Approved firestop cable sleeve; tested wall/floor/service system	TNT-36-079	pc

Lockout/tagout item	Reference	Unit
Safety padlock	TNT-36-056	pc
MCB lockout	TNT-36-057	pc
MCCB lockout	TNT-36-058	pc
Plug lockout	TNT-36-059	pc
Lockout hasp	TNT-36-060	pc
Danger tag	TNT-36-061	pc
Lockout kit	TNT-36-062	pc

Personal protective equipment	Reference	Unit
Safety helmet	TNT-36-063	pc
Safety glasses	TNT-36-064	pc
Work gloves	TNT-36-065	pc
Safety footwear	TNT-36-066	pc
High-visibility vest	TNT-36-067	pc
Hearing protection	TNT-36-068	pc
Respiratory protection	TNT-36-069	pc

Specialist electrical safety item	Reference	Unit
Voltage-class insulating gloves	TNT-36-070	pc
Glove leather protectors	TNT-36-071	pc
Arc-rated clothing	TNT-36-072	pc
Arc-rated face shield	TNT-36-073	pc
Insulating mat	TNT-36-074	pc
Rescue hook	TNT-36-075	pc

Domestic appliances

Small kitchen appliance	Reference	Unit
Electric kettle	TNT-37-001	pc
Toaster	TNT-37-002	pc
Rice cooker	TNT-37-003	pc
Mixer/grinder	TNT-37-004	pc
Blender	TNT-37-005	pc
Induction cooker	TNT-37-006	pc
Hot plate	TNT-37-007	pc
Microwave oven	TNT-37-008	pc
Air fryer	TNT-37-009	pc
Sandwich maker	TNT-37-010	pc

Domestic care appliance	Reference	Unit
Dry iron	TNT-37-011	pc
Steam iron	TNT-37-012	pc
Vacuum cleaner	TNT-37-013	pc
Garment steamer	TNT-37-014	pc
Hair dryer	TNT-37-015	pc
Hair trimmer/shaver	TNT-37-016	pc

Large household appliance	Reference	Unit
Refrigerator	TNT-37-017	pc
Freezer	TNT-37-018	pc
Washing machine	TNT-37-019	pc
Clothes dryer	TNT-37-020	pc
Dishwasher	TNT-37-021	pc
Electric cooker	TNT-37-022	pc
Built-in oven	TNT-37-023	pc

Air-conditioning appliance	Reference	Unit
Split AC 1 ton class	TNT-37-024	pc
Split AC 1.5 ton class	TNT-37-025	pc
Split AC 2 ton class	TNT-37-026	pc
Window AC	TNT-37-027	pc
Portable AC	TNT-37-028	pc
Air purifier	TNT-37-029	pc

Hospitality electrical product	Reference	Unit
Water dispenser	TNT-37-030	pc
Insect-trap unit with shielded lamp	TNT-37-031	pc
Minibar fridge	TNT-37-032	pc
Commercial coffee machine	TNT-37-033	pc

Appliance OEM replacement part	Reference	Unit
Washing-machine inlet valve	TNT-37-034	pc
Drain pump	TNT-37-035	pc
Door interlock	TNT-37-036	pc
Heating element	TNT-37-037	pc
Drive belt	TNT-37-038	pc
Cooker switch	TNT-37-039	pc
Oven thermostat	TNT-37-040	pc
Refrigerator door gasket	TNT-37-041	pc
OEM control board	TNT-37-042	pc

Utility and specialist project equipment

Medium-voltage cable / accessory	Reference	Unit
11 kV cable	TNT-38-001	pc
33 kV cable	TNT-38-002	pc
MV joint kit	TNT-38-003	pc
MV termination kit	TNT-38-004	pc
Separable connector	TNT-38-005	pc
MV cable-cleating system	TNT-38-006	pc

Power distribution plant	Reference	Unit
Distribution transformer	TNT-38-007	set
Dry-type transformer	TNT-38-008	set
Package substation	TNT-38-009	set
Ring main unit	TNT-38-010	set
MV switchboard	TNT-38-011	set
LV main switchboard	TNT-38-012	set
Feeder pillar	TNT-38-013	set
Motor control centre	TNT-38-014	set
Busduct system	TNT-38-015	set

Utility network accessory	Reference	Unit
LV service cut-out	TNT-38-016	pc
Utility-approved meter	TNT-38-017	pc
Cable service pillar	TNT-38-018	pc
Overhead conductor	TNT-38-019	pc
Overhead line insulator	TNT-38-020	pc
Surge arrester	TNT-38-021	pc
Pole hardware	TNT-38-022	pc
Distribution pole	TNT-38-023	pc

Standby generation package	Reference	Unit
Portable generator	TNT-38-024	set
Diesel generator set	TNT-38-025	set
Generator controller	TNT-38-026	set
Battery charger	TNT-38-027	set
ATS changeover system	TNT-38-028	set
Load bank	TNT-38-029	set

Industrial specialist equipment	Reference	Unit
Hazardous-area junction box	TNT-38-030	pc
Hazardous-area local control station	TNT-38-031	pc
Ex cable termination system	TNT-38-032	pc
Industrial UPS	TNT-38-033	pc
DC battery system	TNT-38-034	pc
Industrial rectifier	TNT-38-035	pc
Protective relay	TNT-38-036	pc
SCADA RTU	TNT-38-037	pc
Transformer monitoring system	TNT-38-038	pc

Infrastructure electrical system	Reference	Unit
Traffic-signal equipment	TNT-38-039	set
Airport/airfield lighting	TNT-38-040	set
Marine shore-power pedestal	TNT-38-041	set
Car-park barrier system	TNT-38-042	set
Street-light feeder controller	TNT-38-043	set

Photo sources & licences

The following source records accompany the website photo collection. Attribution and licence requirements continue to apply to credited images. Illustrations are labelled on their respective cards. User-supplied reference images retain any underlying rights.

F-390 - Cable termination tool
Creator: Simon A. Eugster | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Wire_ferrules_with_and_without_insulation.jpg
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: Proportional resizing and WebP conversion; no crop or product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-364 - Through-hole resistor — additional photograph
Creator: Omegatron | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Resistors.jpg
Licence: https://creativecommons.org/licenses/by-sa/3.0/
Changes recorded: WebP conversion only; image not cropped or retouched. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-214 - Special LED strip
Creator: Akbermamps | Licence: CC BY 4.0
Source: https://commons.wikimedia.org/wiki/File:LED_strip_closeup.jpg
Licence: https://creativecommons.org/licenses/by/4.0
Changes recorded: Proportional resizing and WebP conversion. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-412 - Fixing / fastener
Creator: Tudor Barker | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Screws,_Nuts,_Bolts_and_Threads.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Proportional resizing and WebP conversion. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-417 - Small kitchen appliance
Creator: Jacek Halicki | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:2023_Czajnik_elektryczny_N%27OVEEN.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Proportional resizing and WebP conversion. Manufacturer branding removed in the existing reference photograph. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-236 - Water-heater element
Creator: Phiarc | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Askoheat_3_kW_electric_water_heater.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Extracted from the supplied PDF and converted to WebP. Manufacturer identification was obscured in the supplied image; product geometry and visible control markings retained. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-016 - Category 6 data cable
Creator: Agott | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:CAT6_twisted_pair.JPG
Licence: https://creativecommons.org/licenses/by-sa/3.0/
Changes recorded: Proportional resizing and WebP conversion; no crop or product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-022 - Microphone cable structure.jpg
Creator: Kreuzschnabel | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Microphone_cable_structure.jpg
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: Proportional resizing and WebP conversion; no crop or product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-424 - Distribution Transformer 1.jpg
Creator: Yoshieslunchbox | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Distribution_Transformer_1.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Proportional resizing and WebP conversion; no crop or product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-427 - FLAMEPROOF JB.jpg
Creator: HAZLOC ELECTRICAL EQUIPMENTS | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:FLAMEPROOF_JB.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Proportional resizing and WebP conversion; no crop or product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-428 - A Traffic Signal Head in Taipei City, Taiwan, Sep 2014.jpg
Creator: Red0whale | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:A_Traffic_Signal_Head_in_Taipei_City,_Taiwan,_Sep_2014.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Proportional resizing and WebP conversion; no crop or product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-300 - Solar water pump and well.jpg
Creator: Shailsh Telang | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Solar_water_pump_and_well.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Proportional resizing and WebP conversion; no crop or product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-456 - Electronic component inductors.jpg
Creator: Miguel | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Electronic_component_inductors.jpg
Licence: http://creativecommons.org/licenses/by-sa/3.0/
Changes recorded: Resized Commons thumbnail converted to WebP; no retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-355 - Male and Female USB Connectors.jpg
Creator: Zephyris at English Wikipedia | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Male_and_Female_USB_Connectors.jpg
Licence: http://creativecommons.org/licenses/by-sa/3.0/
Changes recorded: Standard960pxCommons thumbnail converted to WebP; no retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-224 - Modern ceiling fan.jpg
Creator: CommandProMC | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Modern_ceiling_fan.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Resized by Wikimedia Commons; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-213 - LED strip SMD 3528.jpg
Creator: Andrey Gvrv | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:LED_strip_SMD_3528.jpg
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: Resized by Wikimedia Commons; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-187 - Bathroom mirror light
Creator: Stilfehler | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:LED-back-lit_bathroom_mirror.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Thumbnail resizing by Wikimedia Commons; no product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-391 - Crimptång för modulär kontakt RJ11 och RJ45 Crimping pliers.jpg
Creator: No machine-readable author provided. Magma assumed (based on copyright claims). | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Crimpt%C3%A5ng_f%C3%B6r_modul%C3%A4r_kontakt_RJ11_och_RJ45_Crimping_pliers.jpg
Licence: http://creativecommons.org/licenses/by-sa/3.0/
Changes recorded: Resized for web display; WebP conversion only. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-027 - Fibre optic cable — ribbon construction reference
Creator: Infestor | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:RibbonCutout2.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: WebP conversion; no crop or product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-205 - High-mast floodlighting package
Creator: Nikhilb239 | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:High_mast_lamp.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Thumbnail resizing by Wikimedia Commons; no product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-239 - Solar thermal / heat-pump water heater
Creator: Ross Hansen, Shoals Marine Lab Director of Facilities and Planning | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Solar_Hot_Water_Panels.JPG
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Thumbnail resizing by Wikimedia Commons; no product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-189 - Track-light fitting
Creator: Wikisympathisant | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:2025-05_Track_lighting_in_BMW_Museum-Munich.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Thumbnail resizing by Wikimedia Commons; no product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-341 - Intruder alarm component
Creator: Geom | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:PIR_Sensor_Visonic_Next%2BMCW.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Standard Commons thumbnail used without retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-309 - Network-rack accessory
Creator: The original uploader was Andy E at German Wikipedia. | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Kafigmutter.jpg
Licence: http://creativecommons.org/licenses/by-sa/3.0/
Changes recorded: Standard Commons thumbnail used without retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-176 - Lamp holder
Creator: Ceinturion | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Lamp_fitting_E27.JPG
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: Thumbnail resizing by Wikimedia Commons; no product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-191 - Decorative fitting
Creator: Oleslawlama | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Geometric_white_pendant_lamp_chandelier.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Thumbnail resizing by Wikimedia Commons; no product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-073 - Cable tray with cables.jpg
Creator: Santeri Viinamäki | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Cable_tray_with_cables.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Resized for web display; WebP conversion only. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-165 - Lone Lightning rod. (21149569).jpg
Creator: Ctd 2005 | Licence: CC BY 2.0
Source: https://commons.wikimedia.org/wiki/File:Lone_Lightning_rod._(21149569).jpg
Licence: https://creativecommons.org/licenses/by/2.0
Changes recorded: Resized for web display; WebP conversion only. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-326 - Network video recorder
Creator: Smart Home Perfected | Licence: CC BY 2.0
Source: https://commons.wikimedia.org/wiki/File:Annke_PoE_Network_Video_Recorder_(NVR)_2.jpg
Licence: https://creativecommons.org/licenses/by/2.0
Changes recorded: Standard Commons thumbnail used without retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-399 - Testing and measuring equipment — selected product reference
Creator: Jacek Halicki | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:2017_Cyfrowy_miernik_uniwersalny.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Manufacturer identification was previously removed from the category photograph. Reused after reviewing the matching product forms; no further product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-277 - Sensor connector / cable
Creator: Anordal | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:M12A5.webp
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Standard Commons thumbnail used without retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-346 - Specialist fire detection
Creator: Fire Fighting Enterprises | Licence: CC BY 3.0
Source: https://commons.wikimedia.org/wiki/File:Optical_beam_smoke_detector.jpg
Licence: https://creativecommons.org/licenses/by/3.0
Changes recorded: Standard Commons thumbnail used without retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-289 - Portable power station — side connection view
Creator: -stk | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Allpowers_S300_portable_solar_generator_P1110365.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Proportional resizing and WebP conversion; no crop or product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-047 - Leerrohr mit Kabeln.jpg
Creator: The original uploader was Tegernbach at German Wikipedia. | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Leerrohr_mit_Kabeln.jpg
Licence: http://creativecommons.org/licenses/by-sa/3.0/
Changes recorded: Resized for web display; WebP conversion only. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-062 - ■■■■■■■.jpg
Creator: Uri | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:%E9%87%91%E5%B1%9E%E8%A3%BD%E5%8F%AF%E3%81%A8%E3%81%86%E7%AE%A1.jpg
Licence: http://creativecommons.org/licenses/by-sa/3.0/
Changes recorded: Resized for web display; WebP conversion only. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-076 - StrutJoint.JPG
Creator: Georgewilliamherbert | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:StrutJoint.JPG
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: Resized for web display; WebP conversion only. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-077 - Spring Nut.jpg
Creator: Bob Blaylock | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Spring_Nut.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Resized for web display; WebP conversion only. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-078 - Threaded rods of different sizes.png
Creator: Taylor 49 | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Threaded_rods_of_different_sizes.png
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Resized for web display; WebP conversion only. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-150 - Heat-shrink tubing.jpg
Creator: oomlout | Licence: CC BY-SA 2.0
Source: https://commons.wikimedia.org/wiki/File:Heat-shrink_tubing.jpg
Licence: https://creativecommons.org/licenses/by-sa/2.0
Changes recorded: Resized for web display; WebP conversion only. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-304 - Factory Cat6 patch cord
Creator: www.heimnetzwerke.net | Licence: CC BY 4.0
Source: https://commons.wikimedia.org/wiki/File:Patch_cable_with_RJ45_connector.jpg
Licence: https://creativecommons.org/licenses/by/4.0
Changes recorded: Standard Commons thumbnail used without retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-314 - Fibre optical transceiver
Creator: Christophe.Finot | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:SFP_board_2.jpg
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: Standard Commons thumbnail used without retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-368 - Electrolytic capacitor
Creator: Giovanna 27 | Licence: CC BY 4.0
Source: https://commons.wikimedia.org/wiki/File:Electrolytic_capacitors_mounted_on_a_circuit_board.jpg
Licence: https://creativecommons.org/licenses/by/4.0
Changes recorded: Standard Commons thumbnail used without retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-384 - Smart-home gateway / controller
Creator: Y2kcrazyjoker4 | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Google_Home_Hub_on_table.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Standard Commons thumbnail used without retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-404 - Network / CCTV test instrument
Creator: Reise Reise | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Network_Cable_Tester_(1).jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Standard Commons thumbnail used without retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-406 - Test instrument accessory
Creator: Kszapsza | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Multimeter_test_leads.JPG
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Standard Commons thumbnail used without retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-455 - Phone cases / screen protectors
Creator: Tiia Monto | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Mobile_phone_case.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Standard Commons thumbnail used without retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-358 - Computer Mouse (16161114498).jpg
Creator: Wellness GM | Licence: CC BY-SA 2.0
Source: https://commons.wikimedia.org/wiki/File:Computer_Mouse_(16161114498).jpg
Licence: https://creativecommons.org/licenses/by-sa/2.0
Changes recorded: Commons standardthumbnail without additional retouching. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-379 - Hakko 907 ESD medium soldering iron without logo.jpeg
Creator: Zuzu | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Hakko_907_ESD_medium_soldering_iron_without_logo.jpeg
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: Commons standardthumbnail; no additional retouching. Source soldering-iron photograph already removes manufacturer logo. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-362 - Background Removing with Color correction.jpg
Creator: Paglugraphicsbd | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Background_Removing_with_Color_correction.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Standard Commons thumbnail without additional editing. Source headphones composite already includes background removal and colour correction. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-310 - Fo-connector sc.jpg
Creator: ■■■■■ ■■■■■■ ■■■■■■■■■■■■ | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Fo-connector_sc.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Standard Commons thumbnail without additional editing. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-144 - Cable Gland01.jpg
Creator: Leotard | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Cable_Gland01.jpg
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: WebP conversion and web sizing only. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-149 - Kabelschellen11.jpg
Creator: BattKkk | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Kabelschellen11.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: WebP conversion and web sizing only. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-415 - 2023 Okulary ochronne (1).jpg
Creator: Jacek Halicki | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:2023_Okulary_ochronne_(1).jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: WebP conversion and web sizing only. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-138 - ■■■■■■■■■■■■ ■■ ■■■■■■■■■■■■■■■ ■■■■■ 112113.jpg
Creator: Mixabest | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:%D0%9D%D0%B0%D0%BA%D0%BE%D0%BD%D0%B5%D1%87%D0%BD%D0%B8%D0%BA%D0%B8_%D0%BD%D0%B0_%D1%80%D0%B0%D0%B7%D0%B4%D0%B5%D0%BB%D1%8B%D0%B2%D0%B0%D0%B5%D0%BC%D1%83%D1%8E_%D0%B6%D0%B8%D0%BB%D1%83_112113.jpg
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: WebP conversion and web sizing only. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-393 - Buigveer2.jpg
Creator: Wammes Waggel | Licence: CC BY 3.0
Source: https://commons.wikimedia.org/wiki/File:Buigveer2.jpg
Licence: https://creativecommons.org/licenses/by/3.0
Changes recorded: WebP conversion and web sizing only. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-170 - LEDfilamentLightBulbE27.jpg
Creator: Liebeskind | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:LEDfilamentLightBulbE27.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Thumbnail resizing by Wikimedia Commons; no product retouching. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-207 - Evergreen Hotel white exit sign with green symbols.JPG
Creator: BrokenSphere | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Evergreen_Hotel_white_exit_sign_with_green_symbols.JPG
Licence: http://creativecommons.org/licenses/by-sa/3.0/
Changes recorded: Thumbnail resizing by Wikimedia Commons; no product retouching. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-208 - Emergency exit sign 2016.jpg
Creator: Santeri Viinamäki | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Emergency_exit_sign_2016.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Thumbnail resizing by Wikimedia Commons; no product retouching. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-228 - ■ 01 01.jpg
Creator: ■■■■■ | Licence: CC BY-SA 2.0 kr
Source: https://commons.wikimedia.org/wiki/File:%ED%8C%AC_01_01.jpg
Licence: https://creativecommons.org/licenses/by-sa/2.0/kr/deed.en
Changes recorded: Thumbnail resizing by Wikimedia Commons; no product retouching. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-182 - LED T-bar ceiling light.JPG
Creator: Rintojiang | Licence: CC BY 3.0
Source: https://commons.wikimedia.org/wiki/File:LED_T-bar_ceiling_light.JPG
Licence: https://creativecommons.org/licenses/by/3.0
Changes recorded: Thumbnail resizing by Wikimedia Commons; no product retouching. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-186 - Plafoniera LED 2.jpg
Creator: Air fans | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Plafoniera_LED_2.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Thumbnail resizing by Wikimedia Commons; no product retouching. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-232 - Air door (air curtain).jpg
Creator: AngelNick | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Air_door_(air_curtain).jpg
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: Thumbnail resizing by Wikimedia Commons; no product retouching. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-199 - Generic LED Streetlight.jpg
Creator: Sbsky | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Generic_LED_Streetlight.jpg
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: Thumbnail resizing by Wikimedia Commons; no product retouching. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-447 - A Flashlight.jpg
Creator: Zhantong Zhang | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:A_Flashlight.jpg
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: Thumbnail resizing by Wikimedia Commons; no product retouching. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-201 - 123 01 ■■■■■■■■ ■■■■■■■■■■■■ ■■ ■■ ■■■■■■■■■ after.jpg
Creator: Mooraha | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:123_01_%D0%92%D1%83%D0%BB%D0%B8%D1%87%D0%BD%D0%B5_%D0%BE%D1%81%D0%B2%D1%96%D1%82%D0%BB%D0%B5%D0%BD%D0%BD%D1%8F_%D0%B2_%D1%81_%D0%A7%D0%BC%D0%B8%D1%80%D1%96%D0%B2%D0%BA%D0%B0_after.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Thumbnail resizing by Wikimedia Commons; no product retouching. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-006 - Kendraden in snoer.jpg
Creator: Alex P. Kok | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Kendraden_in_snoer.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-013 - Kabel-alu-4adrig hg.jpg
Creator: Hannes Grobe | Licence: CC BY 3.0
Source: https://commons.wikimedia.org/wiki/File:Kabel-alu-4adrig_hg.jpg
Licence: https://creativecommons.org/licenses/by/3.0
Changes recorded: Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-429 - Ekk cable.jpg
Creator: Olle Norell | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Ekk_cable.jpg
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-021 - Lautsprecherkabel Makro nah.jpg
Creator: RobertKuhlmann | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Lautsprecherkabel_Makro_nah.jpg
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-293 - MC4 Male Connector.jpg
Creator: User:E090 | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:MC4_Male_Connector.jpg
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-298 - Type 2 connector-front-alpha PNr°0527b.png
Creator: D-Kuru | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Type_2_connector-front-alpha_PNr%C2%B00527b.png
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-423 - CopperTapeShieldedCable.jpg
Creator: Nova ryan | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:CopperTapeShieldedCable.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-141 - ■■■■■■■■■■■■ ■■ ■■■■■■■■■■■■■■■ ■■■■■ 112113.jpg
Creator: Mixabest | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:%D0%9D%D0%B0%D0%BA%D0%BE%D0%BD%D0%B5%D1%87%D0%BD%D0%B8%D0%BA%D0%B8_%D0%BD%D0%B0_%D1%80%D0%B0%D0%B7%D0%B4%D0%B5%D0%BB%D1%8B%D0%B2%D0%B0%D0%B5%D0%BC%D1%83%D1%8E_%D0%B6%D0%B8%D0%BB%D1%83_112113.jpg
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: WebP conversion and web sizing only. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-311 - Fo-connector sc.jpg
Creator: ■■■■■■ ■■■■■■■ ■■■■■■■■■■■■■■ | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Fo-connector_sc.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Standard Commons thumbnail without additional editing. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-313 - Fo-connector sc.jpg
Creator: ■■■■■ ■■■■■■ ■■■■■■■■■■■■■ | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Fo-connector_sc.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Standard Commons thumbnail without additional editing. Proportional resizing and WebP conversion; no additional product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-071 - File:Cabtray 06.jpg
Creator: Leotard | Licence: CC0
Source: https://commons.wikimedia.org/wiki/File:Cabtray_06.jpg
Licence: http://creativecommons.org/publicdomain/zero/1.0/deed.en
Changes recorded: Proportional resizing and WebP conversion only; no crop or product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-074 - File:Cabtray 07.jpg
Creator: Leotard | Licence: CC0
Source: https://commons.wikimedia.org/wiki/File:Cabtray_07.jpg
Licence: http://creativecommons.org/publicdomain/zero/1.0/deed.en
Changes recorded: Proportional resizing and WebP conversion only; no crop or product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-072 - File:Cabtray 09.JPG
Creator: Leotard | Licence: CC0
Source: https://commons.wikimedia.org/wiki/File:Cabtray_09.JPG
Licence: http://creativecommons.org/publicdomain/zero/1.0/deed.en
Changes recorded: Proportional resizing and WebP conversion only; no crop or product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-242 - File:Tragbare Kleinpumpe für Entwässerung.jpg
Creator: KSB Aktiengesellschaft, Frankenthal | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Tragbare_Kleinpumpe_f%C3%BCr_Entw%C3%A4sserung.jpg
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: Proportional resizing and WebP conversion only; no crop or product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-418 - Modern steam iron on an ironing board
Creator: Ivan Radic | Licence: by
Source: https://www.flickr.com/photos/26344495@N05/51304444553
Licence: https://creativecommons.org/licenses/by/2.0/
Changes recorded: Proportional resizing and WebP conversion only; no crop or product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-380 - F-380
Creator: Harke | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Antistatic_wrist_strap_(2).jpg
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: Proportional resizing and WebP conversion only; no crop or product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-352 - F-352
Creator: UR3IRS | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Lightning_to_USB_Cable.jpg
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: Proportional resizing and WebP conversion only; no crop or product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-354 - F-354
Creator: Santeri Viinamäki | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Portable_power_bank.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Proportional resizing and WebP conversion only; no crop or product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-283 - Rechargeable battery retail pack
Creator: Raimond Spekking | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:BaByliss_for_Men_T47_-_battery_BYD_Rechargeable_AAA-92293.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Extracted from the supplied photo-edition PDF, which may crop or resize the original; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-306 - Data outlet box and management
Creator: www.heimnetzwerke.net | Licence: CC BY 4.0
Source: https://commons.wikimedia.org/wiki/File:Network_socket_with_two_RJ45_sockets_(CAT6).jpg
Licence: https://creativecommons.org/licenses/by/4.0
Changes recorded: Extracted from the supplied photo-edition PDF, which may crop or resize the original; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-081 - Bell push switch
Creator: Grzegorz W. T■■ycki | Licence: CC BY 4.0
Source: https://commons.wikimedia.org/wiki/File:Doorbell_button_~24nkdids.jpg
Licence: https://creativecommons.org/licenses/by/4.0
Changes recorded: Extracted from the supplied photo-edition PDF, which may crop or resize the original; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-097 - Decorative wiring devices
Creator: Mikewarbz at en.wikipedia | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Illuminated_light_switch.jpg
Licence: http://creativecommons.org/licenses/by-sa/3.0/
Changes recorded: Extracted from the supplied photo-edition PDF, which may crop or resize the original; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-145 - Brass compression gland - unarmoured
Creator: Engicoder | Licence: Public domain
Source: https://commons.wikimedia.org/wiki/File:Cortron-80-Cable-Gland.JPG
Licence: https://commons.wikimedia.org/wiki/Commons:Licensing
Changes recorded: Extracted from the supplied photo-edition PDF, which may crop or resize the original; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-158 - Copper-bonded earth rod
Creator: see Wikimedia file page | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:HomeEarthRodAustralia1.jpg
Licence: http://creativecommons.org/licenses/by-sa/3.0/
Changes recorded: Extracted from the supplied photo-edition PDF, which may crop or resize the original; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-163 - Flexible bonding braid
Creator: dave_7 from Lethbridge, Canada | Licence: CC BY 2.0
Source: https://commons.wikimedia.org/wiki/File:VW_Beetle_ground_strap_(3255429593).jpg
Licence: https://creativecommons.org/licenses/by/2.0
Changes recorded: Extracted from the supplied photo-edition PDF, which may crop or resize the original; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-171 - LED GU10 spotlight lamp
Creator: Dmitry G | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:7W_LED_light_bulb_(GU10).JPG
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: Extracted from the supplied photo-edition PDF, which may crop or resize the original; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-172 - LED low-voltage spotlight
Creator: User:Brianpirie | Licence: Public domain
Source: https://commons.wikimedia.org/wiki/File:LED-MR11-MR16.jpg
Licence: https://commons.wikimedia.org/wiki/Commons:Licensing
Changes recorded: Extracted from the supplied photo-edition PDF, which may crop or resize the original; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-223 - LED repair light engine
Creator: Antonireykern | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:100W-Hochleistungs_COB-LED.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Extracted from the supplied photo-edition PDF, which may crop or resize the original; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-338 - Door locking component
Creator: Mooinglemur | Licence: Public domain
Source: https://commons.wikimedia.org/wiki/File:Magnetic_Lock.jpg
Licence: https://commons.wikimedia.org/wiki/Commons:Licensing
Changes recorded: Extracted from the supplied photo-edition PDF, which may crop or resize the original; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-348 - Standalone home safety detector
Creator: Kent Madsen | Licence: CC BY-SA 2.0
Source: https://commons.wikimedia.org/wiki/File:Smoke_Detector,_Esbjerg,_1.jpg
Licence: https://creativecommons.org/licenses/by-sa/2.0
Changes recorded: Extracted from the supplied photo-edition PDF, which may crop or resize the original; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-361 - Satellite reception accessory
Creator: see Wikimedia file page | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Satellite-dish_big.jpg
Licence: http://creativecommons.org/licenses/by-sa/3.0/
Changes recorded: Extracted from the supplied photo-edition PDF, which may crop or resize the original; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-365 - Repair resistor assortment
Creator: Evan-Amos | Licence: Public domain
Source: https://commons.wikimedia.org/wiki/File:Electronic-Axial-Lead-Resistors-Array.jpg
Licence: https://commons.wikimedia.org/wiki/Commons:Licensing
Changes recorded: Extracted from the supplied photo-edition PDF, which may crop or resize the original; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-381 - Smart-home wall control
Creator: Gregory Varnum | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Philips_Hue_Smart_Dimmer_Switch_-_June_2018_(1970).jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Extracted from the supplied photo-edition PDF, which may crop or resize the original; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-420 - Air-conditioning appliance
Creator: Curpharar | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Modern_split-type_air_conditioner_at_a_school.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Extracted from the supplied photo-edition PDF, which may crop or resize the original; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-421 - Hospitality electrical product
Creator: ■■■■■ | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Water-dispenser-aqua-clara-1.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Extracted from the supplied photo-edition PDF, which may crop or resize the original; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-025 - Multicore control cable
Creator: Adamantios | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Cable-multicore-25x014mm-0a.jpg
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: Extracted from the supplied PDF, which may crop or resize the original; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-053 - GI threaded coupler
Creator: ■■■■■■■■ | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:Coupling_pipe.jpg
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: Extracted from the supplied PDF, which may crop or resize the original; converted to WebP. No product retouching.
Additional catalogue preparation: proportional resizing and JPEG conversion.

F-091 - LED-compatible dimmer
Creator: Paolomarco | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Dimmer_Light_Switch.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Extracted from the supplied PDF, which may crop or resize the original; converted to WebP. No product retouching.
Additional catalogue preparation: proportional resizing and JPEG conversion.

F-124 - Industrial HRC fuse
Creator: Asurnipal | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:Dornbirn-Knife_fuses-NH_02_250A-05ASD.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Extracted from the supplied PDF, which may crop or resize the original; converted to WebP. No product retouching.
Additional catalogue preparation: proportional resizing and JPEG conversion.

F-168 - LED high-output bulb
Creator: Beendy234 | Licence: CC0
Source: https://commons.wikimedia.org/wiki/File:Led_light_bulb.jpg
Licence: http://creativecommons.org/publicdomain/zero/1.0/deed.en
Changes recorded: Extracted from the supplied PDF, which may crop or resize the original; converted to WebP. No product retouching.
Additional catalogue preparation: proportional resizing and JPEG conversion.

F-169 - LED candle bulb
Creator: Ledlightingsolutions | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:LED_3W_clear_candle_bulb_energy_saving_silver.JPG
Licence: https://creativecommons.org/licenses/by-sa/3.0
Changes recorded: Extracted from the supplied PDF, which may crop or resize the original; converted to WebP. No product retouching.
Additional catalogue preparation: proportional resizing and JPEG conversion.

F-235 - Instantaneous electric water heater
Creator: 1-1111 | Licence: CC BY 3.0
Source: https://commons.wikimedia.org/wiki/File:21kW-400Volts-3phase-tankless_water_heater_20100201_1144-1.jpg
Licence: https://creativecommons.org/licenses/by/3.0
Changes recorded: Extracted from the supplied PDF, which may crop or resize the original; converted to WebP. No product retouching.
Additional catalogue preparation: proportional resizing and JPEG conversion.

F-238 - Water-heater connection accessory
Creator: Tony Webster | Licence: CC BY 2.0
Source: https://commons.wikimedia.org/wiki/File:Toilet_Water_Hose_Flexible_(54244282317).jpg
Licence: https://creativecommons.org/licenses/by/2.0
Changes recorded: Extracted from the supplied PDF, which may crop or resize the original; converted to WebP. No product retouching.
Additional catalogue preparation: proportional resizing and JPEG conversion.

F-301 - RJ45 modular plug
Creator: Uwe Schwöbel | Licence: CC BY-SA 3.0
Source: https://commons.wikimedia.org/wiki/File:RJ45-Stecker-Netzwerk.jpg
Licence: http://creativecommons.org/licenses/by-sa/3.0/
Changes recorded: Extracted from the supplied PDF, which may crop or resize the original; converted to WebP. No product retouching.
Additional catalogue preparation: proportional resizing and JPEG conversion.

F-308 - Floor-standing network rack
Creator: ArnoldReinhold | Licence: CC BY-SA 4.0
Source: https://commons.wikimedia.org/wiki/File:19_inch_racks_MIT.agr.jpg
Licence: https://creativecommons.org/licenses/by-sa/4.0
Changes recorded: Extracted from the supplied PDF, which may crop or resize the original; converted to WebP. No product retouching.
Additional catalogue preparation: proportional resizing and JPEG conversion.

F-331 - Video display / transmission
Creator: File:Computer_monitor.jpg by Zzubnik Derivative work: AGreuet (talk · contribs) | Licence: Public domain
Source: https://commons.wikimedia.org/wiki/File:Computer_monitor_remix_transparent.png
Licence: https://commons.wikimedia.org/wiki/Commons:Licensing
Changes recorded: Extracted from the supplied PDF, which may crop or resize the original; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-386 - Smart heating / shading
Creator: Shixart1985 | Licence: CC BY 2.0
Source: https://commons.wikimedia.org/wiki/File:Person_holds_smart_thermostat_displaying_room_temperature_inside_a_home.jpg
Licence: https://creativecommons.org/licenses/by/2.0
Changes recorded: Extracted from the supplied PDF, which may crop or resize the original; converted to WebP. No product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-419 - Large appliance — washing machine reference
Creator: RDNE Stock project | Licence: Pexels License
Source: https://www.pexels.com/photo/person-using-washing-machine-5591460/
Licence: https://www.pexels.com/license/
Changes recorded: Proportional resizing and WebP conversion; no crop or product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-284 - F-284 product reference
Creator: ScienceStockPhotos.com | Licence: CC BY 4.0
Source: https://sciencestockphotos.com/free/electrical/slides/unbranded_batteries.html
Licence: https://creativecommons.org/licenses/by/4.0/
Changes recorded: Proportional resizing and WebP conversion only; no product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-181 - F-181 product reference
Creator: ■■ ■ | Licence: Pexels License
Source: https://www.pexels.com/photo/modern-circular-ceiling-light-on-white-background-30675504/
Licence: https://www.pexels.com/license/
Changes recorded: Proportional resizing and WebP conversion only; no product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.

F-264 - F-264 product reference
Creator: sciencestockphotos.com | Licence: CC BY 4.0
Source: https://sciencestockphotos.com/free/electrical/slides/EI_transformer.html
Licence: https://creativecommons.org/licenses/by/4.0/
Changes recorded: Proportional resizing and WebP conversion only; no product retouching. Additional catalogue preparation: proportional resizing and JPEG conversion.