### Connectors - Power & Mains

#### UK Mains Plugs

**White Nylon**
- Scuff resistant
- 5A fused

<table>
<thead>
<tr>
<th>Rating</th>
<th>Colour</th>
<th>Order Code</th>
<th>Price Each</th>
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</thead>
<tbody>
<tr>
<td>5A</td>
<td>White</td>
<td>150-692</td>
<td></td>
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</tbody>
</table>

**'Safetyplug'™**
- Automatic cord grip
- Captive fixing screw and terminals

<table>
<thead>
<tr>
<th>Rating</th>
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</tr>
</thead>
<tbody>
<tr>
<td>3A</td>
<td>269-099</td>
<td></td>
</tr>
<tr>
<td>13A</td>
<td>107-754</td>
<td></td>
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</tbody>
</table>

**Coloured Rubber**
- Colour coded blue and brown sleeved pins
- Easy grip cover

<table>
<thead>
<tr>
<th>Colour</th>
<th>Order Code</th>
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</thead>
<tbody>
<tr>
<td>Black</td>
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<tr>
<td>White</td>
<td>150-700</td>
<td></td>
</tr>
<tr>
<td>Orange</td>
<td>150-701</td>
<td></td>
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</tbody>
</table>

### Coloured 'Toughplug'

- Colour coded terminals
- Captive fixing screws/terminals
- Automatic cord grip
- Hospital property versions

<table>
<thead>
<tr>
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<tr>
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<tr>
<td>13A</td>
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</table>

### Unfused Africa & Asia

#### Round Pin
- Heavy duty rubber plugs
- Ideal for stage lighting or low voltage rings
- The 15A plug is popular in India, Kenya, Nigeria, Kuwait, parts of Asia and the Far East

<table>
<thead>
<tr>
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<tr>
<td>13A</td>
<td>Black</td>
<td>269-130</td>
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</table>

### International Mains Plugs

#### France and Belgium 2 Pin + Earth
- Rewireable straight or side entry
- Suitable for Class 1 appliances
- Flame retardant to IEC60950-2-1 and NF-USE approval

<table>
<thead>
<tr>
<th>Rating</th>
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<tr>
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<table>
<thead>
<tr>
<th>Current Rating</th>
<th>Housing</th>
<th>Flame Retardant Polypropylene</th>
<th>Contacts</th>
<th>Max Cable Dia.</th>
<th>Price Each</th>
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<tbody>
<tr>
<td>18V (250V AC)</td>
<td>Brass</td>
<td></td>
<td></td>
<td>11.0</td>
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<table>
<thead>
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</thead>
<tbody>
<tr>
<td>Straight Entry</td>
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<td></td>
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</tbody>
</table>
### International Mains Plugs - continued

#### Schuko Plugs
Series 2030 and 2032

- Rewireable straight entry
- Single piece moulding, hinged
- Complies with DIN 49441 R 1 and CEE7, sheet IV VDE approval
- Material: Thermoplastic, 18A/250V ac
- Current rating: 16A/250V ac
- Terminations: 3 x 1.5mm² max. 9.5mm
- Max. cable dia.: 9.5mm

**Schuko Couplers**

<table>
<thead>
<tr>
<th>Mfrs. No.</th>
<th>Order Code</th>
<th>IP Rating</th>
<th>Price Each</th>
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</thead>
<tbody>
<tr>
<td>1050T</td>
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<td>1+ 10+ 50+ 100+</td>
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</tr>
</tbody>
</table>

#### German Standard Earthing Plug

- Black German standard earth rubber plugs/couplings, large and small versions for building sites and severe operating conditions, Ingress Protection class IP44
- ISO version in white PVC
- All versions for 250V ac at 10/16A

**List No.**

<table>
<thead>
<tr>
<th>Mfrs. No.</th>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
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<td>1+ 10+ 50+ 100+</td>
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</table>

#### Swiss Mains

- Black
- White

**Connector T12**

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<tbody>
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<td>121-6718</td>
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**Coupler T13**

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<td></td>
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#### Type 10003

- The mains socket is manufactured according to DIN 49440 and has a splashproof IP44 construction.
- IP44
- DIN 49440

**List No.**

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<tr>
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<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1+ 10+ 50+ 100+</td>
<td></td>
</tr>
</tbody>
</table>

#### Europe, ‘Schuko’ Plug

- Unfused
- Rewireable ‘Schuko’ with dual earthing system
- Extensive use across the majority of Europe
- Complies with DIN49441 and CEE 7 sheet VII, VDE approved

**List No.**

<table>
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<tr>
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<th>Order Code</th>
<th>Price Each</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>1+ 5+ 10+ 50+ 100+</td>
<td></td>
</tr>
</tbody>
</table>

#### Adaptors

#### World Wide Travel Adapter

- The elegant, safe and easy way to connect your portable appliances (Mobile phone, Notebook, PDA and others) worldwide
- Covers more than 150 countries
- Can be used for all 2-prong (security class II) electronic devices up to 2.5A (110V/275W and 230V/550W)
- Safety use with power fuse
- Selection of required mains plug through slide switch sideways
- 2 years warranty

**List No.**

<table>
<thead>
<tr>
<th>Mfrs. No.</th>
<th>Order Code</th>
<th>Price Each</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>1+ 5+ 10+ 100+</td>
<td></td>
</tr>
</tbody>
</table>
**Travel Adapter**

Switzerland and Europe

Single travel adapter suitable for connecting European devices safely and easily to a Swiss mains supply. The input side also accepts 2 pole and 3 pole devices from UK, USA, Australia, Switzerland and Italy, thereby enabling travellers from over 150 countries to connect to the mains supply in Switzerland.

- **Compact design**
- **Maximum safety**
- **Voltage: Max. Switzerland: 10A/250V – Max. Europe: 16A/250V –**
- **Suitable for both 2 pole and 3 pole devices (grounded) plugs (classes I and II)**

<table>
<thead>
<tr>
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<th>Price Each</th>
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<tr>
<td>1.500206</td>
<td>187-18520</td>
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</table>

**World USB Charger**

- **With the World USB Charger you can simultaneously charge two USB devices in over 150 countries, thanks to its patented sliding plug mechanism**
- **Ideal for charging all your USB-devices, e.g. mobile phone, TabletPC, MP3-player, GPS, Video Player or PDA**
- **Output: 5VDC / 1300mA ma.**
- **Ideal for charging all your USB-devices, e.g. mobile phone, TabletPC, MP3-player, GPS, Video Player or PDA**
- **With its patented sliding plug mechanism**
- **Suitable for internal or external use**
- **Suitable for internal or external use**
- **Screw termination**

**Sealed IP68 16A**

- **Threaded coupling 'Buccaneer' style connector**
- **Ideal for extending or repairing 3 core circular mains plug**
- **Instructions supplied**
- **SEMKO approved**

<table>
<thead>
<tr>
<th>Colour</th>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>257-825</td>
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<tr>
<td>Orange</td>
<td>469-646</td>
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</table>

**In-line Lead Connectors**

**Sealed IP68 32A**

These versatile cable connectors are intended for use with circular profile cables and can be used either indoors or out. Manufactured from tough polyamide (Blue / Grey solid colours) or polycarbonate (Orange translucent colours), all products are IP68 rated. Typical applications could include catering to temporary structures, Garden/security lighting and portable machinery etc.

- **Can be used underwater and underground**
- **Use for AC or DC voltage**
- **3 and 5 Pole versions**

<table>
<thead>
<tr>
<th>Poles</th>
<th>Colour</th>
<th>Order Code</th>
<th>Price Each</th>
</tr>
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<tbody>
<tr>
<td>3</td>
<td>Black</td>
<td>TTK28BK-SO-F</td>
<td>113-09060</td>
</tr>
<tr>
<td>3</td>
<td>Grey</td>
<td>TTK28GY-SO-F</td>
<td>113-09060</td>
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<tr>
<td>3</td>
<td>Orange</td>
<td>TTK28OE-BK-F</td>
<td>113-09060</td>
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</tbody>
</table>

**Sealed IP65**

- **Five Pole**
- **Polarisable plug and socket harness present cross mating**
- **Easy snap-fit locking mechanism**

<table>
<thead>
<tr>
<th>Poles</th>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>THK.404.X2A00-F</td>
<td>120-66000</td>
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</tbody>
</table>

**Straight through In-line cable connector**

- **5 Pole**
- **Cable diameter of 5mm to 14mm**
- **Supplied as complete kit**
- **Conforms to CE requirements and IMQ NEMKO approvals**

<table>
<thead>
<tr>
<th>Poles</th>
<th>Order Code</th>
<th>Price Each</th>
</tr>
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<tbody>
<tr>
<td>5</td>
<td>THR.405.X5A</td>
<td>152-17750</td>
</tr>
</tbody>
</table>

**Sealed IP67 16A**

- **Suitable for the extension and repair of 2, 3 and 5 core cables**
- **Use for AC or DC voltage**
- **IP67 protection**
- **Approvals include: SEMKO, DEMKO, NEMKO and SEV**

<table>
<thead>
<tr>
<th>Poles</th>
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<th>Price Each</th>
</tr>
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<tbody>
<tr>
<td>2</td>
<td>SK-2-2500</td>
<td>117-9969</td>
</tr>
<tr>
<td>3</td>
<td>SK-3-2500</td>
<td>117-9968</td>
</tr>
<tr>
<td>5</td>
<td>SK-5-2500</td>
<td>117-9970</td>
</tr>
</tbody>
</table>
In-line Lead Connectors - continued

Sealed IP67 16A - continued

<table>
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<tr>
<th>Poles</th>
<th>Order Code</th>
<th>1+</th>
<th>5+</th>
<th>10+</th>
<th>25+</th>
<th>50+</th>
<th>Price Each</th>
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<tbody>
<tr>
<td>2</td>
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<td></td>
<td></td>
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<td>3</td>
<td>117-9968</td>
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<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

2 and 3 Pole 10A

- Ideal for the extension of leads on electrical appliances
- 2 pin version for use with Class 2 double insulated appliances
- 3 pin must be used with earthed appliances

Contact Rating: 10A/250V

Contacts: Brass (Screw Terminal)

Housing: Moulded rubber sleeves

Inserts: Polypropylene

Warning: The two pin versions are non-polarised and are therefore not suitable for DC or any application where live/neutral should not be transposed.

Contact I.P. Mftrs.

<table>
<thead>
<tr>
<th>Contact Code</th>
<th>List No.</th>
<th>Description</th>
</tr>
</thead>
</table>
| LCP103WHI = 313-520 | LCP103BLK = 313-531 | Calibrated pin contacts
| LCP103WHI = 313-520 | LCP103BLK = 313-531 | Calibrated sleeve contacts

Common features:
- Provides safe and quick method of temporarily connecting mains powered equipment to a suitable power source
- Colour coded terminals
- Neon lamp indicates "supply on"

LiD latches open for ease of use when wall mounted
Available unwired or prewired with 1.5m lead and 13A plug

Mains Test Connectors

"Quicktest"

Common features:
- Calibrated pin contacts
- Self seal cable entry
- Cable clamps to relieve stress on terminals

Industrial BS4343

Free Plug Straight

Common features:
- Calibrated pin contacts
- Self seal cable entry
- Cable clamps to relieve stress on terminals

Free Sockets Straight

Common features:
- Spring loaded covers to protect contacts when not in use
- Calibrated sleeve contacts

Appliance Inlet Angled

Common features:
- Top conduit or rear cable entry
- Supplied with blanking plug
### Industrial Connectors from

An Extensive Range of Industrial Plugs and Sockets which conforms to all the relevant standards: BS 4343:1992, BSEN 60309-2, IEC 309 and CEE 17.

- Colour coded for Voltage Identification: Yellow = 110 Volts (100-130V), Blue = 230 Volts (200-250V), Red = 400 Volts (380-415V)
- All moulded parts, except flexible grommets, are produced from high quality plastic material which is self-extinguishing and free from cadmium and halogen. High impact temperature of -25°C to +40°C and up to +50°C under load
- Each terminal fitted with two screws for extra safe and secure connection
- Terminal screws left friction fit in open position for speedy wiring
- Extended earth terminal for quick positive identification
- All free plugs and sockets come with internal strain relief for secure cable retention. All free sockets come with spring loaded covers for added protection when not in use
- All Panel/Chassis mounting sockets come complete with gasket
- All sockets fitted with locking ring and cover
- Flared rear cable entry to conduit entry M20 on 16A units and M25 on 32A units
- Transparent grommet clearly marked with cable diameter sizes for best fit

### Free Sockets, IP67

#### Straight

- Conforms to BS4343, EN60309 1 & 2 and CEE17
- Fitted with locking ring and gasket

<table>
<thead>
<tr>
<th>Voltage &amp; Amps</th>
<th>Mftrs.</th>
<th>List No.</th>
<th>Order Code</th>
<th>Price Each</th>
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<tbody>
<tr>
<td>110V, 16A</td>
<td>2P+E</td>
<td>219205</td>
<td>716-6560</td>
<td>1+ 5+ 10+ 25+</td>
</tr>
<tr>
<td>240V, 16A</td>
<td>2P+E</td>
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<td>716-6563</td>
<td>1+ 5+ 10+ 25+</td>
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<tr>
<td>415V, 16A</td>
<td>3P+E</td>
<td>219402</td>
<td>716-6561</td>
<td>1+ 5+ 10+ 25+</td>
</tr>
<tr>
<td>415V, 32A</td>
<td>3P+N+E</td>
<td>219402</td>
<td>716-6561</td>
<td>1+ 5+ 10+ 25+</td>
</tr>
<tr>
<td>400V, 63A</td>
<td>3P+N+E</td>
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<td>716-6631</td>
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<tr>
<td>230V, 32A</td>
<td>2P+E</td>
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<tr>
<td>400V, 32A</td>
<td>3P+E</td>
<td>269406</td>
<td>716-6635</td>
<td>1+ 5+ 10+ 25+</td>
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<tr>
<td>400V, 125A</td>
<td>3P+N+E</td>
<td>269406</td>
<td>716-6635</td>
<td>1+ 5+ 10+ 25+</td>
</tr>
</tbody>
</table>

### Free Plugs, IP67

#### Straight

- Conforms to BS4343, EN60309 1 & 2 and CEE17
- Fitted with locking ring and cover

<table>
<thead>
<tr>
<th>Voltage &amp; Amps</th>
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<td>716-6635</td>
<td>1+ 5+ 10+ 25+</td>
</tr>
</tbody>
</table>

### Cee-View Plugs & Connectors, IP44

#### Clear Rear

- The Clear Rear offers a fast time saving facility for visual inspection without the need for tools NO screws to remove and replace
- 2P+E, 16A, Long grommet

<table>
<thead>
<tr>
<th>Voltage &amp; Amps</th>
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<tr>
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<td>269406</td>
<td>716-6635</td>
<td>1+ 5+ 10+ 25+</td>
</tr>
</tbody>
</table>

#### Top Entry

- Conduit entry M20 on 16A units and M25 on 32A units
- Offset approx. 15°

<table>
<thead>
<tr>
<th>Voltage &amp; Amps</th>
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<th>Price Each</th>
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<tbody>
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<td>240V, 16A</td>
<td>2P+E</td>
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<td>1+ 5+ 10+ 25+</td>
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<td>3P+N+E</td>
<td>269406</td>
<td>716-6635</td>
<td>1+ 5+ 10+ 25+</td>
</tr>
</tbody>
</table>

### Panel/Chassis Sockets

#### IP44

- Supplied complete with gasket
- Fixing centres: 16A 3 Pin 47 x 47, all others 60 x 60
### Industrial BS4343 - continued

#### Panel/Chassis Sockets - continued

**IP44 - continued**

<table>
<thead>
<tr>
<th>Voltage &amp; Poles</th>
<th>Mfrs. List No.</th>
<th>Order Code</th>
<th>Price Each</th>
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<tbody>
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<td>110V, 16A 2P+E</td>
<td>610304</td>
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<tr>
<td>400V, 16A 3P+N+E</td>
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<td></td>
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<tr>
<td>230V, 16A 2P+E</td>
<td>610306</td>
<td>723-25859</td>
<td></td>
</tr>
<tr>
<td>400V, 16A 3P+E</td>
<td>610406</td>
<td>723-253649</td>
<td></td>
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<tr>
<td>110V, 32A 2P+E</td>
<td>430304</td>
<td>716-20209</td>
<td></td>
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<tr>
<td>230V, 32A 2P+E</td>
<td>430306</td>
<td>716-11280</td>
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<tr>
<td>400V, 32A 3P+E</td>
<td>430406</td>
<td>716-15009</td>
<td></td>
</tr>
</tbody>
</table>

**Surface Appliance Inlets, IP44**

**Top Entry**

- Conduit entry: 16A, 2P+E=E=PG13.5, 16A, 3P+E=32A ALL=PG21

### 3 Way Long Plastic Box

**IP44**

- 16A, 2P+E, complete with 2m cable, plug and handle

### 16Amp IP44 Splashproof Industrial Plugs & Sockets

- In compliance with BS EN 60309-1 and -2
- Plug & coupler body one solid piece construction

### Low Voltage, Connectors, IP44

**16A**

- Moulded in unobtrusive black
- Ideal for Film, TV and theatre industry use
- Conform to BS4343 - IEC60309

### 32Amp IP44 Splashproof Industrial Plugs & Sockets

- In compliance with BS EN 60309-1 and -2
- Plug & coupler body one solid piece construction

---

**Connectors - Power & Mains**

**Connectors**

- 16

---

**RoHS Compliant**

**Non-compliant**

---

**Compliance**

**BS EN 60309-2**

**Conform to**

**Moulded in unobtrusive black**

**IEC60309**

**BS 4343**

**Plugs & Sockets**

- 3 Way Long Plastic Box

---

**Price Each**

**Voltage** | **Colour** | **Pins** | **Order Code** | **Price Each** |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>110V</td>
<td>Yellow</td>
<td>2P+E</td>
<td>101-7182</td>
<td>5+ 10+ 25+</td>
</tr>
<tr>
<td>240V</td>
<td>Blue</td>
<td>2P+E</td>
<td>101-7183</td>
<td>5+ 10+ 25+</td>
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<tr>
<td>415V</td>
<td>Red</td>
<td>3P+E</td>
<td>101-7185</td>
<td>5+ 10+ 25+</td>
</tr>
<tr>
<td>415V</td>
<td>Red</td>
<td>3P+N+E</td>
<td>101-7186</td>
<td>5+ 10+ 25+</td>
</tr>
</tbody>
</table>

**Free Coupler**

- 110V      | Yellow    | 2P+E    | 101-7187      | 5+ 10+ 25+   |
| 240V      | Blue      | 2P+E    | 101-7188      | 5+ 10+ 25+   |
| 415V      | Red       | 3P+E    | 101-7189      | 5+ 10+ 25+   |
| 415V      | Red       | 3P+N+E  | 101-7190      | 5+ 10+ 25+   |

**Wall Mount Inlet**

- 240V      | Blue      | 2P+E    | 101-7192      | 5+ 10+ 25+   |
| 415V      | Red       | 3P+N+E  | 101-7194      | 5+ 10+ 25+   |

**Wall Mount Socket**

- 110V      | Yellow    | 2P+E    | 101-7195      | 5+ 10+ 25+   |
| 240V      | Blue      | 2P+E    | 101-7197      | 5+ 10+ 25+   |
| 415V      | Red       | 3P+E    | 101-7198      | 5+ 10+ 25+   |
| 415V      | Red       | 3P+N+E  | 101-7199      | 5+ 10+ 25+   |

---

**16A, 240V 2P+Earth - Black**

- Film, TV, Theatre application
- For use with power tools and handlamps where operating conditions require extra low voltage
- Conduit entry for surface socket: PG21
- Fixing centres for panel sockets: 41x41
- 20-25V, colour code purple
- Conforms to BS EN 60309-2 and BS 4343

---

**Price Each**

**Voltage** | **Colour** | **Pins** | **Order Code** | **Price Each** |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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<tbody>
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<td>Yellow</td>
<td>2P+E</td>
<td>101-7200</td>
<td>5+ 10+ 25+</td>
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<tr>
<td>240V</td>
<td>Blue</td>
<td>2P+E</td>
<td>101-7201</td>
<td>5+ 10+ 25+</td>
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<tr>
<td>415V</td>
<td>Red</td>
<td>3P+E</td>
<td>101-7202</td>
<td>5+ 10+ 25+</td>
</tr>
<tr>
<td>415V</td>
<td>Red</td>
<td>3P+N+E</td>
<td>101-7204</td>
<td>5+ 10+ 25+</td>
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</table>

**Free Coupler**

- 110V      | Yellow    | 2P+E    | 101-7205      | 5+ 10+ 25+   |
| 240V      | Blue      | 2P+E    | 101-7206      | 5+ 10+ 25+   |
| 415V      | Red       | 3P+E    | 101-7207      | 5+ 10+ 25+   |
| 415V      | Red       | 3P+N+E  | 101-7208      | 5+ 10+ 25+   |

**Wall Mount Inlet**

- 240V      | Blue      | 2P+E    | 101-7209      | 5+ 10+ 25+   |
| 415V      | Red       | 3P+N+E  | 101-7210      | 5+ 10+ 25+   |

**Wall Mount Socket**

- 240V      | Blue      | 2P+E    | 101-7211      | 5+ 10+ 25+   |
| 415V      | Red       | 3P+N+E  | 101-7212      | 5+ 10+ 25+   |
### Connectors

#### 16A, 415V 3P+N+Earth Quick Connect

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<th>Pins</th>
<th>Order Code</th>
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<td>2P+E</td>
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<td>415V</td>
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<td>3P+E</td>
<td>101-7215</td>
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<tr>
<td>415V</td>
<td>Red</td>
<td>3P+N+E</td>
<td>101-7216</td>
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#### 32A, 240V 2P+Earth Quick Connect

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<th>Pins</th>
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<tr>
<td>415V</td>
<td>Red</td>
<td>3P+E</td>
<td>101-7218</td>
</tr>
<tr>
<td>415V</td>
<td>Red</td>
<td>3P+N+E</td>
<td>101-7219</td>
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#### Wall Mount Socket

<table>
<thead>
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<th>Pins</th>
<th>Order Code</th>
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<td>2P+E</td>
<td>101-7220</td>
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<tr>
<td>415V</td>
<td>Red</td>
<td>3P+E</td>
<td>101-7221</td>
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<tr>
<td>415V</td>
<td>Red</td>
<td>3P+N+E</td>
<td>101-7222</td>
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</table>

#### 16A Interlocked Switched Socket-outlets

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<td>415V</td>
<td>Red</td>
<td>3P+N+E</td>
<td>101-7255</td>
</tr>
<tr>
<td>32A</td>
<td>Yellow</td>
<td>2P+E</td>
<td>101-7256</td>
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</table>

#### 16A & 32A, IP44 Panel Mount Sockets

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<thead>
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<th>Colour</th>
<th>Pins</th>
<th>Order Code</th>
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<td>101-7256</td>
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<tr>
<td>240V</td>
<td>Blue</td>
<td>3P+E</td>
<td>101-7257</td>
</tr>
<tr>
<td>415V</td>
<td>Red</td>
<td>3P+N+E</td>
<td>101-7258</td>
</tr>
</tbody>
</table>

#### Multi-Grip Cable Gland Plugs & Sockets

One piece body plugs & sockets with multigrip cable gland and splashproof body (IP44).

- 16 and 32A versions
- 110, 240 or 415V
- 50 - 60 Hz
- 2 pin and earth, 3 pin and earth and 3 pin with neutral and earth available
- The in-line sockets come with protection caps
- Screw terminals included

<table>
<thead>
<tr>
<th>Voltage &amp; Amps</th>
<th>Colour</th>
<th>Order Code</th>
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<tr>
<td>110V, 16A</td>
<td>2P+E</td>
<td>210000-TLS</td>
</tr>
<tr>
<td>240V, 16A</td>
<td>2P+E</td>
<td>210010-TLS</td>
</tr>
<tr>
<td>415V, 16A</td>
<td>3P+N+E</td>
<td>203-TLS</td>
</tr>
<tr>
<td>110V, 32A</td>
<td>2P+E</td>
<td>20102-TLS</td>
</tr>
<tr>
<td>240V, 32A</td>
<td>2P+E</td>
<td>20103-TLS</td>
</tr>
<tr>
<td>415V, 32A</td>
<td>3P+N+E</td>
<td>204-TLS</td>
</tr>
</tbody>
</table>

#### Quick Connect - BS4343

- Nickel-plated contacts
- In compliance with BS EN 60309-1 and -2

- Voltage Colour Pins | Order Code |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>110V Yellow 2P+E</td>
<td>101-7269</td>
</tr>
<tr>
<td>240V Blue 2P+E</td>
<td>101-7260</td>
</tr>
<tr>
<td>415V Red 3P+N+E</td>
<td>101-7262</td>
</tr>
</tbody>
</table>

---

**For more information, visit:**
- farnell.com
- element14.com
- Quick Connect

---

**Farnell Elements**

- Date: 07-09-12 Time: 06:33
- C = CYAN M = Magenta Y = Yellow B = Black
Panel Sockets

Panel socket with top and bottom cable entry. Surface mounting.

- 16 and 32A versions
- 110, 240 or 415V
- 50 - 60 Hz
- 2 pin and earth and 3 pin with neutral and earth available

Mains Leads

Plug to Bared Ends, 2m/3m

5A & 13A Cable, Black or White

Manufactured to ASTA, BS1363A, 1984, available in either black or white.

Warning: The free cable end has stripped conductors and therefore should not be used by untrained personnel.

Cable capacity: 6A @ 250V ac (0.75mm²), 13A @ 250V ac (1.25mm²) to BASEC BS6500

Fuse supplied: 5A & 13A in accordance with BS, ASTA and BEAB requirements, fuse interchangeable

Switched-Interlocked RCD Protected Sockets

The Switched Interlocked units incorporate a mechanical interlock mechanism which prevents the switch from being turned 'ON' until the plug is fully inserted. The plug cannot be withdrawn until the switch is turned to the 'OFF' position. The switch can be padlocked in the 'OFF' position. Units are supplied with RCD (for earth fault protection) with sensitivity of 30mA/300ms as standard. All units are internally PRE-WIRED.

- 16A Socket = 25A RCD
- 32A Socket = 40A RCD
- IP67 Protection

2 Pin to 13A Plug, 2m

Figure '8' Connector

- Hole centres=8.6, Body length=51mm
- Cable length=2m
- Fuse supplied: 2.5A @ 250V ac
- Cable and connector housings: 13A (interchangeable)
- Black PVC
- Price Each

Length Order Code
2m 112-4398

13A Plug Lead, 2m/3m

Black, Grey or White

High quality non-rewireable cable assemblies

- Meet harmonised European standard BS4491;EN60.320
- Choice of 2m or 3m of 1.0mm² cable approved to BASEC BS6500
- Plug fitted with a 13A fuse and manufactured to ASTA BS1363A

Plug contacts: Brass

Socket contacts: Phosphor Bronze

Ref. Fab. X-285626A = 112-4382, X-439307A = 112-4399, X-285638A = 112-4383

10A @ 250V ac, Cable and connector housings: PVC

Plug contacts: Brass

Socket contacts: Phosphor Bronze

Warning: The fuse supplied is designed to protect the cord set only. The appliance should be protected separately.

Colour Order Code
Black 2m 119-6440
Grey 2m 112-4362
Black 3m 112-4399

Heavy Duty 13A Plug Lead

Orange

- Heavy duty cable 3m non-rewireable assembly for high stress applications
- 1mm² cable approved to BASEC BS6500, 13A fused white plug, manufactured to ASTA BS1363A
- 10A cold condition approved by BSI
- Ideal for hospital monitoring apparatus, sound equipment, test gear and PC’s

Current rating: 10A @ 250V ac

Fuse supplied: 13A (interchangeable)

Cable and connector housings: PVC

Plug contacts: Brass

Socket contacts: Phosphor Bronze

Price Each

Colour Order Code
Black 2m 112-4383

Heavy Duty 13A Plug Lead

- Heavy duty cable 3m non-rewireable assembly for high stress applications
- 1mm² cable approved to BASEC BS6500, 13A fused white plug, manufactured to ASTA BS1363A
- 10A cold condition approved by BSI
- Ideal for hospital monitoring apparatus, sound equipment, test gear and PC’s

Current rating: 10A @ 250V ac

Fuse supplied: 13A (interchangeable)

Cable and connector housings: PVC

Plug contacts: Brass

Socket contacts: Phosphor Bronze

Price Each

Colour Order Code
Black 2m 112-4383
### IEC Socket to Bared Ends, 2/2.5m

- 2m or 2.5m cable, 3 core 0.75mm² or 1.0mm² stripped and bared PVC cable
- Lead meets BS4491, EN60.320
- Socket rating 250V ac

<table>
<thead>
<tr>
<th>Colour</th>
<th>Length</th>
<th>Order Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>2m</td>
<td>131-8717</td>
</tr>
<tr>
<td>Black</td>
<td>2.5m</td>
<td>131-8719</td>
</tr>
<tr>
<td>Black</td>
<td>Right Angle 2m</td>
<td>131-8723</td>
</tr>
<tr>
<td>Black</td>
<td>Right Angle 2.5m</td>
<td>131-8722</td>
</tr>
</tbody>
</table>

### IEC Socket to Bared Ends, 3.5m - Pencon

- Black or Grey
- Straight and right angle free sockets, meets European standard BS4491, EN60.320.
- 3.5m/2.5m cable is approved to BASEC BS6500
- 10A free socket approved to BSI, VDE, NF-USE, OVE, CECEG, NEMKO, SEMKO, SETI, IMQ, SEV and KEMA-KEUR

<table>
<thead>
<tr>
<th>Colour</th>
<th>Length</th>
<th>Order Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>2m</td>
<td>112-4378</td>
</tr>
<tr>
<td>Grey</td>
<td>2m</td>
<td>112-4385</td>
</tr>
<tr>
<td>Black</td>
<td>Right Angle 2m</td>
<td>112-4381</td>
</tr>
</tbody>
</table>

### Hot Condition Free Socket to Bared Ends

- 2m
  - Non-re-wireable cable assembly meets European standard BS4491, EN60.320.
  - Free sockets fitted with 2m of 1.0mm² rubber cable, approved to harmonised code H05RR-F
  - Body length=67mm, Cable length=2m, Diameter=7.1-7.6mm
  - Free end stripped=40mm, Conductors bared=10mm

<table>
<thead>
<tr>
<th>Current rating</th>
<th>Max. temperature</th>
<th>Housing</th>
<th>Contacts</th>
<th>Cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>10A @ 250V ac</td>
<td>120°C</td>
<td>Black glass filled polypropylene</td>
<td>Phosphor Bronze</td>
<td>Black rubber H05RR-F 3 Core, 1mm², 10A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length</th>
<th>Order Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>2m</td>
<td>112-4396</td>
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</tbody>
</table>
**International Mains Leads**

**Europe, ‘Schuko’, 2.5m**
- Cable length: 2.5m, Diameter: ~6.9-7.2mm
- Free end stripped: ~40mm, Conductors bared: ~10mm
- Non-rewireable Schuko plug with dual earthing system, for use across most of Europe.
- The plug complies with CEE7 sheet VII, approvals VDE, IMQ, NF-USE, OVE, KEMA-KEUR, FI, SEMKO, NEMKO, and DEMKO.
- Harmonised 2.5 metre of 1.0mm² to CENELEC H02.
- 10A free socket complies with EN60320, has same approvals as the plug plus SEV.

**Current rating**
- 10A @ 250V

**Cable and Connector housings**
- Black, PVC
- Phosphor Bronze

**Socket Contacts**
- Nickel plated

**Price Each**

<table>
<thead>
<tr>
<th>Order Code</th>
<th>1+</th>
<th>25+</th>
<th>50+</th>
<th>100+</th>
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</table>

**Series 1352 and 1600**
- Universal IEC Mains lead
- Schuko plug to IEC cold condition socket

**Rated current**
- 10A @ 250V AC
- Length: 1.5 m
- Colour: Black

**Price Each**

<table>
<thead>
<tr>
<th>Order Code</th>
<th>1+</th>
<th>10+</th>
<th>50+</th>
<th>100+</th>
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<td>1352/3m</td>
<td>128-9427</td>
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</tr>
</tbody>
</table>

**Td-Apparatus Cable**
- Swiss Td apparatus cable
- T12 plug to IEC T12/T113
- PVC insulation and insulators
- 3 x 0.75mm²
- Length: 3m
- Colour: Black

**Price Each**

<table>
<thead>
<tr>
<th>Price Each</th>
<th>1+</th>
<th>5+</th>
<th>10+</th>
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<tbody>
<tr>
<td>Hot</td>
<td>400-2416</td>
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**Extension Lead**
- Schuko- Extension lead
- Straight plug, Straight coupling
- Lead, H05VV-F 3G 1.5mm²

**Price Each**

<table>
<thead>
<tr>
<th>Price Each</th>
<th>1+</th>
<th>25+</th>
<th>50+</th>
<th>100+</th>
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<td>130-6051</td>
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**Schuko Extension**
- Extension lead with plug and socket
- VDE/SEV approved

**Current rating**
- 16A/250V AC

**Colour**
- White

**Leads**
- 1067/105W-F3G1/01.0
- 1055/105W-F3G1/02.0

**Price Each**

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<thead>
<tr>
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<th>10+</th>
<th>50+</th>
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<tbody>
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</table>

**Series 1550 Small Appliance Supply Cable**
- Applications include: Office machines, computers, radio cassettes, video recorders, etc.

**Load capacity**
- 2.5A/250V

**Cable**
- H03VVH2-F2 x 0.75

**Price Each**

<table>
<thead>
<tr>
<th>Price Each</th>
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<tr>
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</table>

**Series 1650**
- Extensions with Euro connector to EN 50075/VDE0620/101/5.92 and Euro-coupling NBN 50/8/81, both permanently injection-moulded.

**Load capacity**
- 2.5A/250V

**Cable**
- H03 VV H2-F2 x 0.75

**Price Each**

<table>
<thead>
<tr>
<th>Price Each</th>
<th>1+</th>
<th>25+</th>
<th>50+</th>
<th>100+</th>
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<tbody>
<tr>
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**Switzerland, 2.5m**
- Non-rewireable lead for use in Switzerland
- Plug complies with Swiss standard A1E1011(1959) Type 12
- 2.5 metres of 1.0mm² cable

**Current rating**
- 10A @ 250V

**Price Each**

<table>
<thead>
<tr>
<th>Price Each</th>
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<tr>
<td>112-4403</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Italy, 2.5m**
- A non-rewireable lead for use in Italy
- Plug complies with Italian standard CEI 23-16
- 2.5 metres of 1.0mm² cable

**Current rating**
- 10A @ 250V

**Price Each**

<table>
<thead>
<tr>
<th>Price Each</th>
<th>1+</th>
<th>25+</th>
<th>50+</th>
<th>100+</th>
<th>250+</th>
<th>500+</th>
</tr>
</thead>
<tbody>
<tr>
<td>112-4403</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
US Mains Cord 3m

- Mains cable for use in US and Canada
- UL498 Non-rewireable Plug
- 3 metres of 18 AWG White cable

North America, 2m

- Non-rewireable lead suitable for use in USA and Canada
- UL498 recognised and CSA 22.2

Australia, 2.5m

A non-rewireable lead for use in Australia, New Zealand, Fiji, Papua New Guinea and ROC. The plug complies with AS3112-1990 and NZS5198-1967. Two and a half metres of 1.0mm² cable to harmonised code H05VV-F, interconnect the moulded plug and 10A IEC free socket. The socket is approved to SEMKO, NF-USE, DEMKO, CEBEC, BSI, IMQ, VDE, SEV, KEMA-KEUR, FI, OVE, and SEMKO.

IEC Free Sockets

- Class I

Rewirable Free Sockets

- Black and White

Rewirable Side Entry Free Socket

- Rewireable, side entry free socket, complies with BS4491 and EN60.320 requirements
- Internal screw terminations and strain relief
- Approvals: VDE, SEMKO, CSA & UL Recognised

Rewirable Free Socket 16A

- Rewireable, line socket style connector
- Internal screw terminations and strain relief
- Approvals: VDE, SEMKO

Contact details and additional information:

- Mfrs. List No: PX0587 = 117-2510
- PX0587/SE = 117-2512

- Price Each

- Free
- Side Entry Free
- R/A Free
- Socket, Free Hot
**Figure “8” Inlets**

**Panel Mount Figure 8 Inlet**
- Solder terminals
- Housing is thermoplastic nylon.
- Tin plated Copper alloy terminals
- Approvals: VDE, CSA, and UL Recognised.

**Specifications:**
- Panel Thickness: Min 0.8mm Max 1.5mm
- Panel cut-out: 12.5mm x 24.5mm
- Withstand voltage: 2000VAC@1min
- Insulation resistance: MΩ
- Housing: Nylon 66, UL94V-0

**Contact rating:**
- 2.5VA @ 250V AC
- Dielectric strength: 2000V @ 1 Min.

**Material:**
- UL94V-0/ PBT

**Solder Tags:**
- Screw 5.5mm x 4.0mm x 0.8mm @ 500V DC
- Insulation resistance: MΩ

<table>
<thead>
<tr>
<th>Mfrs. List No.</th>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>JR-2015</td>
<td>952-1836</td>
<td>1+ 50+ 100+ 250+</td>
</tr>
</tbody>
</table>

**Fig 8 IEC Inlet**
- PCB terminals, Length 5.3mm, 2.5 x 1, 1mm, Pinning 11.0mm
- Housing is Thermoplastic nylon
- Tin plated copper alloy terminals

**Specifications:**
- Panel Thickness: 8.0mm to 1.5mm
- Panel cut-out: 12.5mm x 24.5mm
- Contact rating: 2.5A @ 250V AC
- Withstand voltage: 2000VAC@1min
- Insulation resistance: MΩ
- Housing: Nylon 66, UL94V-0

**Contact rating:**
- 10A @ 250V AC
- Dielectric strength: ≥ MΩ

<table>
<thead>
<tr>
<th>Mfrs. List No.</th>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>JR-2015 (PCB)</td>
<td>924-8161</td>
<td>1+ 50+ 100+ 250+</td>
</tr>
</tbody>
</table>

**IEC Inlets**
- Screw or Snap in versions
- Screw mount from front or rear
- Panel thickness 1.5mm snap in
- Protection Class I
- 6.3 x 0.8 Tab Terminals
- Pin Temperature 70 °C
- Outlets comply to EN 60320-2-2/F & IEC 60320-2-2/F
- Inlets comply to EN 60320-1/C14 & IEC 60320-1-C14
- Approvals: VDE, CSA, SEV, OVE, SEMKO, UL Recognised

**Specifications:**
- Contact rating: 10A @ 250V AC
- Dielectric strength: 2000V AC
- Housing: Thermoplastic UL94V-0

**Snap Fit**
- Provides a quick and easy installation option for BS.4491.EN60.320 style connectors
- Front mounting only
- Approvals: BS, IMQ, CSA, VDE, and UL Recognised

**Specifications:**
- Contact rating: 10A @ 250Vac
- Temperature range: -40°C to +70°C
- Housing: Black, glass filled nylon UL94V-0
- Contacts: Brass, Nickel Plated

**Snaps Fit**
- 2.8mm
- 6.35mm

**TROUBLESHOOTING TIPS**
Chat online to one of our technical engineers at farnell.com
PCB Mounting

- RA panel mount IEC inlet
- PCB hole dia 1.8mm - 7mm spacing

Panel Thickness: 0.8mm to 3.0mm
Panel cut-out: 22.8mm x 30.8mm
Contact rating: 10A @ 250V
Dielectric Strength: 2000VAC / 1Min
Insulation resistance: 100MΩ @ DC 500V
Housing: UL94-V-0

Snap Fit 5 x 20mm Fuse Drawer

Flange Fixing 16A

- IEC C20 chassis plug
- 6.3mm blade terminals on rear for push on receptacles or soldering
- Approvals: VDE, CSA, and UL Recognised

Current rating: 16A
Voltage: 250Vac
Housing: Black/Brass
Contacts: Nickel Plated
Terminals: Quick Connect

IEC Inlets with Fuse

- Panel mounted fused IEC inlet
- Solder terminals 7.5mm x 4.7mm x 0.8mm

Panel thickness: 0.8mm - 2.0mm
Panel cut-out: 27.0mm - 31.5mm
Height above panel: 3.0mm
Voltage rating: 250VAC
Dielectric Strength: 2000VAC / 1Min
Insulation resistance: 100MΩ @ 500V
Housing: UL94-V-0

Fused IEC Inlet

- Solder terminals 7.5mm x 4.7mm x 0.8mm
- Fuse drawer 5x20mm

Panel cut-out:
- 27mm x 31mm
- Approvals: VDE
- Contact rating: 10A @ 250V ac
- Withstand voltage: 2000V @ 1Min
- MA @ 500V dc
- Housing: Black/grey thermoplastic
- Operating Temp: -25°C to 85°C

Fused Inlets

20 x 5mm Fuse Drawer, Snap Fit or Flange Fixing

- Panel mounting combination mains inlet/fuseholders
- Complies with BS4491, EN60.320
- Fuse draw protected to PC2, IEC127/6 and incorporates a working 20 x 5mm fuse plus a spare
- Approvals: CSA, VDE, IMQ, SEMKO and UL Recognised

Contact rating: 10A
Voltage rating: 250V ac
Housing: Screw mount, 2 x M3
Contacts: Brass, pre-tinned
Terminals: Quick Connect

Power Entry Module

6200 Series - Medical Grade

- Screw mounting, 2 x M3
- Shock safe 1 pole fuseholder, 5 x 20mm
- Plug removal necessary for fuse link replacement
- Protection Class 1, Pin Temp 70°C
- Complies to IEC 60330-16 EN 6033-1 C14/C15
- Approvals: SEV, VDE, SEMKO, CSA, OVE and UL Recognised

Panel cut-out: 27.5mm x 30.5mm
Depth behind front panel: 27.5mm
Contact rating: 10A
Voltage rating: 250V ac
Temperature range: -25°C to +70°C
Contact resistance: 5mΩ
Housing material: Thermoplastic UL94-V0

Twin Fused Inlet - Panel Mounting

- Double fused inlet, wired to provide fusing of live and neutral
- Approvals: CSA, SEV, SEMKO, VDE and UL Recognised

Current rating: 6A @ 250V ac
Temperature range: -40°C to +65°C
Voltage: 250Vac
Housing: Black/grey thermoplastic
Contacts: Sesamoid, Nickel plated
Terminals: 4.8mm x 0.8mm

IEC Inlets with Switch / Fuse

Power Entry Module With Line Switch
Series DC11

- Compact Design
- Snap-in or screw mounting
- Panel mount screw on version front or rear mounting
- Snap-in version front mounting
- All single elements already wired

<table>
<thead>
<tr>
<th>Description</th>
<th>Mftrs. list No.</th>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screw mntng</td>
<td>34</td>
<td>34</td>
<td>1+ 10+ 25+ 25+</td>
</tr>
<tr>
<td>Snap in</td>
<td>34</td>
<td>34</td>
<td>1+ 10+ 25+ 25+</td>
</tr>
</tbody>
</table>

Current rating 10A @ 250Vac
Voltage 250V
Temperature range 0°C to +70°C

IEC Inlets with Fuse - continued

Power Entry Module
Series 4707

- Panel Mount - Screw on version, Front or rear mounting
- Appliance inlet, Fuse holder takes fuse size 5 x20 mm

<table>
<thead>
<tr>
<th>Voltage Rating</th>
<th>Terminals</th>
<th>Depth (front panel)</th>
<th>Panel Cut-out</th>
</tr>
</thead>
<tbody>
<tr>
<td>250V</td>
<td>Temperature Range</td>
<td>4.8mm x 0.8mm</td>
<td>-25°C To +70°C</td>
</tr>
</tbody>
</table>

IEC Inlet DPST with Fuse Holder
Class I

- Current rating 10A
- Voltage 250Vac
- Insulation resistance 100MΩ at 500Vac
- Body material Nylon
- Operating Temperature -25°C to 85°C

<table>
<thead>
<tr>
<th>Description</th>
<th>Mftrs list No.</th>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1pole. Screw Mounting</td>
<td>DC11.0001.003</td>
<td>120-70600</td>
<td>1+ 10+ 25+</td>
</tr>
<tr>
<td>1pole. Snap Fit</td>
<td>DC11.0001.303</td>
<td>120-70910</td>
<td>1+ 10+ 25+</td>
</tr>
</tbody>
</table>

IEC Inlet DPST with Fuse Holder
Class I

- Red Illuminated Switch

<table>
<thead>
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<td>DC11.0001.303</td>
<td>120-70910</td>
<td>1+ 10+ 25+</td>
</tr>
</tbody>
</table>

Switched and Fused Inlet
20 x 5mm Fuse Drawer

- Snap-fit, panel mount combination, IEC332
- Mains inlet/fuseholder/switch, separately terminated
- Double pole on/off rocker switch
- Appliance inlet approved to SEV, DEMKO, NEMKO and KE-MA-KEUR

<table>
<thead>
<tr>
<th>Description</th>
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20 x 5mm Fuse Drawer

- Snap-fit, panel mount combination, IEC332
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<td>120-70600</td>
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</tr>
<tr>
<td>1pole. Screw Mounting</td>
<td>DC11.0001.303</td>
<td>120-70910</td>
<td>1+ 10+ 25+</td>
</tr>
</tbody>
</table>
Switched and Fused ‘Polysnap’ Combinations

Switched ‘Polysnap’ Mini-Bezel

Polyflange IEC Inlets

Switched and Fused PolyFlange Combinations

- Single Pole, Switched
- Double Pole, Switched
- Non-Illuminated
- Illuminated

- Vertical Flange
- Horizontal Flange

- Range mounted switched and fused IEC inlets
- Fused drawer projected to PC2, IEC 127/6
- Approvals: CSA, VDE, SEMKO, IMQS and UL Recognised

- Vertical Flange
- Horizontal Flange

- Current rating 10A, 250V
- Fuseholder

- Price Each

Switched and Fused Inlets

- Cut-out ‘A’
- Cut-out ‘B’
- Cut-out ‘C’

- Single Pole, Switched
- Double Pole, Switched
- Non-Illuminated
- Illuminated

- Vertical Flange
- Horizontal Flange

- Current rating 10A, 250Vac
- Housing Terminations
- Panel cut-out

- Price Each

IEC Inlet with Outlets

Combined Inlet with 1-4 Outlets

- Snap Fit

- Contact Rating
- Temperature Range
- Outlets
  - Solder
  - Male Panel Thickness
  - Housing
    - Glass Filled Thermoplastic UL94V-0

- Contacts

- No. Ways
- Height
- Width
- Depth behind panel

- Price Each

Connectors

Power & Mains

- Single Pole
- Double Pole
- Single Pole, Illuminated
- Double Pole, Illuminated

- Mfrs. List No.
- Order Code

- Price Each

- Cut-out
- Voltage selection
- Overall current rating
- Panel thickness

- Price Each

- Cut-out
- Type
- No. of Ways
- Height
- Width
- Depth

- Price Each

- Fused drawer/fuseholder protected to PCZ, IEC127/6
- Approvals: CSA, VDE, SEMKO, and UL Recognised
**IEC Inlets and Outlets - continued**

### Compact 4 Way Distribution Boards

<table>
<thead>
<tr>
<th>Inlets</th>
<th>Mftrs.</th>
<th>List No.</th>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>PX9200</td>
<td>134-7643B</td>
<td>1+ 10+ 50+</td>
<td>100+ 250+ 500+ 1K+</td>
</tr>
</tbody>
</table>

- **IEC Inlet or 2m Cable with BS1363 Plug**
  - Housing: ABS, UL94V-0
  - Voltage Rating: 250V
  - Current Rating: 10A

- **Dimensions**
  - Panel cut-out: 1.5mm panel thickness
  - H=150mm W=44mm D=38mm

**IEC Outlets**

#### Flange and Snap Fit Fixing

- Panel mounting mains outlets available with flange fixing or a snap-in version for quick and simple installation.
- Approvals: VDE, CSA, SEV, OVE, SEMKO and UL Recognised.

#### Flange Fixing

- Contact Rating: 10A @ 250V ac
- Temperature Range: -40°C to +70°C
- Housing: Black, nylon UL94V-0

#### PCB Mounting

- A right angle PCB mounting mains outlet manufactured to EN60320-1/C14 and BS4491. Designed for power take-off applications with an additional earth tag and either panel or PCB fixing holes.
- Approvals: VDE, CSA, SEMKO, IMQ and UL Recognised.

#### Outlet, 2, 3 and 4 way - Snap-Fit

- Person wired with solid busbars, 2.8mm solder tags
- One piece moulded
- Approvals: VDE, SEV, SEMKO, CSA and UL Recognised

**Shuttered Snap Fix Class 1**

- Supplied with 6.3mm tab terminals
- Approvals: CSA, VDE, BSI and UL Recognised

**PCB Mounting**

- Panel cut-out
- PCB drilling pattern

**Outlet, 2, 3 and 4 Way - Snap-Fit**

- Pre-wired with solid busbars, 2.8mm solder tags
- One piece moulded
- Approvals: VDE, SEV, SEMKO, CSA and UL Recognised

**Shuttered Snap Fix Class 1**

- Supplied with 6.3mm tab terminals
- Approvals: CSA, VDE, BSI and UL Recognised

**PCB Mounting**

- Panel cut-out
- PCB drilling pattern

**Outlet, 2, 3 and 4 Way - Snap-Fit**

- Pre-wired with solid busbars, 2.8mm solder tags
- One piece moulded
- Approvals: VDE, SEV, SEMKO, CSA and UL Recognised

**Shuttered Snap Fix Class 1**

- Supplied with 6.3mm tab terminals
- Approvals: CSA, VDE, BSI and UL Recognised

**PCB Mounting**

- Panel cut-out
- PCB drilling pattern

**Outlet, 2, 3 and 4 Way - Snap-Fit**

- Pre-wired with solid busbars, 2.8mm solder tags
- One piece moulded
- Approvals: VDE, SEV, SEMKO, CSA and UL Recognised

**Shuttered Snap Fix Class 1**

- Supplied with 6.3mm tab terminals
- Approvals: CSA, VDE, BSI and UL Recognised

**PCB Mounting**

- Panel cut-out
- PCB drilling pattern

**Outlet, 2, 3 and 4 Way - Snap-Fit**

- Pre-wired with solid busbars, 2.8mm solder tags
- One piece moulded
- Approvals: VDE, SEV, SEMKO, CSA and UL Recognised
Outlet, 4 way Snap-Fit ‘Quadbloc’

- Premolded single piece busbar
- Fully enclosed design
- Both 6.3mm push-on and solder tabs
- Approvals: IEC 320 outlets VDE, BSI, CSA & UL Recognised

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1+</td>
<td>10+</td>
<td>25+</td>
</tr>
<tr>
<td>1.5mm</td>
<td>1:472.4000</td>
<td>111-6744</td>
</tr>
<tr>
<td>2mm</td>
<td>1:472.5000</td>
<td>120-4852</td>
</tr>
</tbody>
</table>

‘Twinbloc’ Adaptor

- The ‘Twinbloc’ enables two pieces of equipment to be powered from a single source. A single inlet links to two shuttered outlets.

<table>
<thead>
<tr>
<th>Contact Rating Temperature Range Mftrs. List No.</th>
<th>Order Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>10A @ 250V ac</td>
<td>1:474-111</td>
</tr>
<tr>
<td>-20°C to +70°C</td>
<td></td>
</tr>
</tbody>
</table>

Insulation Boots

- A range of black PVC insulation boots to UL94V-0 suitable for protecting a variety of IEC inlets, outlets and filters, as listed below.

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1+</td>
<td>10+</td>
</tr>
<tr>
<td>313-774</td>
<td></td>
</tr>
<tr>
<td>151-743</td>
<td></td>
</tr>
<tr>
<td>427-330</td>
<td></td>
</tr>
<tr>
<td>313-796</td>
<td></td>
</tr>
</tbody>
</table>

Retaining Kits and Flange

- Spring retaining clips to prevent accidental disconnection of mated connectors.

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1+</td>
<td>10+</td>
</tr>
<tr>
<td>313-816</td>
<td></td>
</tr>
</tbody>
</table>

Power Outlet Module

4797 Series - Snap-in

- Protection Class 1, Pin Temp 70°C
- Quick connect terminals 6.3 x 0.8 mm
- Approvals: CSA, ENEC and UL Recognised

<table>
<thead>
<tr>
<th>Mftrs. Panel List No.</th>
<th>Order Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terminal</td>
<td>4797-6015</td>
</tr>
<tr>
<td>Thickness</td>
<td>1.5mm</td>
</tr>
<tr>
<td>Price Each</td>
<td>125-1689</td>
</tr>
</tbody>
</table>

IEC Outlet Module

4797 Series - Screw Mounting

- Panel Mount
- Screw Mounting
- Pin Temperature 70°C

<table>
<thead>
<tr>
<th>Mftrs. Panel List No.</th>
<th>Order Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terminal</td>
<td>4797-7000</td>
</tr>
<tr>
<td>Price Each</td>
<td>143-7557</td>
</tr>
</tbody>
</table>

Locking IEC Outlets

C13 IEC Outlet Plug Retention Feature

- Patented locking system securely locks IEC cables into the female housing
- Snap-in mounting from the front
- Solder terminal or quick connect from single terminal
- Protection Class 1
- Rated current = 10A, rated voltage = 250V
- IEC/EN 60020-2-2/F

<table>
<thead>
<tr>
<th>Colour</th>
<th>Mftrs. List No.</th>
<th>Order Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>182-4872</td>
<td></td>
</tr>
<tr>
<td>Black</td>
<td>182-4873</td>
<td></td>
</tr>
</tbody>
</table>

Locking IEC Power Cords

IEC Inlet Coupling Cables

Schaffner power cords with IEC lock guard against accidental disconnection of electrical appliances with an IEC inlet. No exchange or modification of the IEC inlet or IEC inlet filter system is needed. Easy retrofit for all electronic equipments and devices.

- Locking system for standard IEC C14 inlet
- No accidental disconnection
- Rated current up to 10A
- Fits any SCHAEFFNER IEC C14 inlet filter
- Retrofit for any IEC C14 inlet
- Various power line plugs for international usage

<table>
<thead>
<tr>
<th>Length (M)</th>
<th>Connector Type (A)</th>
<th>Connector Type (B)</th>
<th>Mftrs. List No.</th>
<th>Order Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 IEC Socket</td>
<td>CEE7/7 Plug, R/A</td>
<td>NEMA 5-15 Plug</td>
<td>IL13-C14-H05-3100-200</td>
<td>206-3259</td>
</tr>
<tr>
<td>2 IEC Socket</td>
<td>C13 IEC Plug</td>
<td>NEMA 5-15 Plug</td>
<td>IL13-C14-H05-3100-200</td>
<td>206-3260</td>
</tr>
<tr>
<td>1.83 IEC Socket</td>
<td>NEMA 5-15 Plug</td>
<td>NEMA 5-15 Plug</td>
<td>IL13-C14-H05-3100-200</td>
<td>206-3261</td>
</tr>
<tr>
<td>2 IEC Socket</td>
<td>BS1363 Plug, R/A Fuse</td>
<td>NEMA 5-15 Plug</td>
<td>IL13-C14-H05-3100-200</td>
<td>206-3262</td>
</tr>
</tbody>
</table>
Schurter V-Lock power cords guard against accidental disconnection of electrical appliances with an IEC inlet. No exchange or modification of the IEC inlet or IEC inlet filter system is needed. This system works in such a way that there is a pin in the socket, interlocking with a notch in the plug and thus prevents an unintentional pullout of the power cable. The advantage of this system is that there is no need for a specific socket system or retaining device that has to be adapted and built-in.

The power cord is released by pressing on the releasing lever. This lever is easily detected by its bright yellow colour and thus distinguishes this system from existing power cord connections. The extraction force is a minimum of 200 N. Typical applications are in medical appliances, analysis and laboratory instruments, Telecom and IT-devices, power distribution or radio and TV-studios.

### Schurter V-Lock IEC Power Cables

#### V-Lock

<table>
<thead>
<tr>
<th>Mains Lead</th>
<th>Extension Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 IEC Inlet</td>
<td>2 IEC Inlet</td>
</tr>
</tbody>
</table>

#### C13 IEC Power Cables

<table>
<thead>
<tr>
<th>Cable</th>
<th>Connector</th>
<th>Mftrs.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>206-4389</td>
<td>C13 Socket 6051.2001</td>
<td>206-4391</td>
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<tr>
<td>206-4390</td>
<td>C13 Socket 6051.2002</td>
<td>206-4392</td>
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<tr>
<td>206-4393</td>
<td>C13 Socket 6051.2003</td>
<td>206-4393</td>
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<tr>
<td>206-4394</td>
<td>C13 Socket 6051.2004</td>
<td>206-4394</td>
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</table>

### Rewireable Free ‘Moat’ Plugs

#### Black and White

<table>
<thead>
<tr>
<th>Style</th>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plug, Free Moat</td>
<td>151-6056</td>
<td>1+ 50 + 100 +</td>
</tr>
<tr>
<td>Plug, R/A Moat</td>
<td>151-6057</td>
<td>1+ 50 + 100 +</td>
</tr>
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</table>

### Locking IEC Power Cords - continued

#### C19 IEC Power Cables

<table>
<thead>
<tr>
<th>Cable</th>
<th>Connector</th>
<th>Mftrs.</th>
<th>Price Each</th>
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<tbody>
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<td>206-4387</td>
<td>C19 IEC Power Cables</td>
<td>206-4388</td>
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### Rewireable Multi-Entry Free Plug

<table>
<thead>
<tr>
<th>Mains Lead</th>
<th>Extension Lead</th>
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</thead>
<tbody>
<tr>
<td>2 IEC Inlet</td>
<td>2 IEC Inlet</td>
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### Rewireable Free Plug 16A

<table>
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</thead>
<tbody>
<tr>
<td>Plug</td>
<td>151-6056</td>
<td>1+ 50 + 100 +</td>
</tr>
<tr>
<td>Plug</td>
<td>151-6057</td>
<td>1+ 50 + 100 +</td>
</tr>
</tbody>
</table>

### Rewireable Free Plug and Socket

<table>
<thead>
<tr>
<th>Style</th>
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<th>Price Each</th>
</tr>
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<td>Plug</td>
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<td>1+ 50 + 100 +</td>
</tr>
<tr>
<td>Socket</td>
<td>151-6057</td>
<td>1+ 50 + 100 +</td>
</tr>
</tbody>
</table>

### IEC Free Plugs

#### IEC Moat

<table>
<thead>
<tr>
<th>Style</th>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plug</td>
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<td>1+ 50 + 100 +</td>
</tr>
<tr>
<td>Socket</td>
<td>151-6057</td>
<td>1+ 50 + 100 +</td>
</tr>
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</table>
**Rewireable Free Socket**

- Black and White

<table>
<thead>
<tr>
<th>Colour</th>
<th>List No.</th>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>PX0597</td>
<td>117-2157</td>
<td></td>
</tr>
<tr>
<td>White</td>
<td>PX0597/WH</td>
<td>117-2138</td>
<td></td>
</tr>
</tbody>
</table>

**Inlets - Panel Mounting**

- Panel-mounting mains inlet with flange fixing or a snap-in version for quick and simple installation. Both inlets conform to BS4491.EN60.320. The flange fixing version is also approved to CSA, VDE, BS, SEMKO, IMQ and UL Recognised. A rear insulation boot is available for improved safety. Order Code 313-774.

**Power Entry Module**

- Appliance inlet with line switch, 2pole
- Fully wired
- Screw or snap-in mount
- 6.3 x 0.8mm tab terminals
- Complies with IECEN60950
- Approvals: VDE UL CSA

**IEC Connectors - High Power**

- EIC320 C20 mains inlet
- Flange mount or snap in
- Snap in version suitable for 1.5mm panels
- CSA and VDE approvals
- UL Recognised

**Mains Connectors**

- 20A - High Power

<table>
<thead>
<tr>
<th>Mfrs.</th>
<th>List No.</th>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screw Mount</td>
<td>PX0596/63</td>
<td>428-6036</td>
<td></td>
</tr>
<tr>
<td>Snap In</td>
<td>PX0596/15/63</td>
<td>428-6042</td>
<td></td>
</tr>
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</table>

**IEC320 C19 rewirable connector**

**Wire Sizes (max) 3 x 2.5mm², 3 x 12AWG**

**Overall cable diameter up to 12mm**

**CSA and VDE approvals**

**UL Recognised**

**IEC Hot Condition**

- Black and White

<table>
<thead>
<tr>
<th>Colour</th>
<th>List No.</th>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>PX0597</td>
<td>117-2157</td>
<td></td>
</tr>
<tr>
<td>White</td>
<td>PX0597/WH</td>
<td>117-2138</td>
<td></td>
</tr>
</tbody>
</table>

**IEC Connectors**

- EIC320 C20 mains inlet
- Flange mount or snap in
- Snap in version suitable for 1.5mm panels
- CSA and VDE approvals
- UL Recognised

**Mains Inlets**

- 20A - High Power

**Power Entry Module**

- EC11 - 16A to 20A - High Current

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---

**Connectors & Power Mains**

**20A Connector Accessories**

- Insulation boot - protects rear of connector from accidental shock
- Retaining kit - prevents accidental removal

**Specifications**

- Rated Voltage: 125 / 250V AC
- Rated Current: 16A @ 250VAC VDE
- Withstand Voltage: 250VDC between L-N PE
- Operating Temperature: -25°C to +70°C
- Protection Level: IP40 to IEC60529
- Panel Thickness: 8mm (T# screw mount) 1.5mm (snap in)
- Housing Mat: UL94V-0 Thermoplastic, Black
- Screw mount fixing centre: 57mm

**Price Each**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price Code</th>
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</thead>
<tbody>
<tr>
<td>EC11.0021.001</td>
<td>1+ 50+ 100+ 250+</td>
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<tr>
<td>EC11.0011.201</td>
<td>1+ 50+ 100+ 250+</td>
</tr>
<tr>
<td>EC11.0001.201</td>
<td>1+ 50+ 100+ 250+</td>
</tr>
</tbody>
</table>

---

For Mfrs.

- Use With
  - List No.
  - Order Code
  - Price Each

**Power Entry Module**

- EC11 - 16A to 20A - High Current

**Appliance inlet with line switch, 2pole**

**Fully wired**

**Screw or snap-in mount**

**6.3 x 0.8mm tab terminals**

**Complies with IEC/EN60950**

**Approvals: VDE UL CSA**

**Panel cut-out = 46.5 x 32.5mm**

**Screw mount fixing centre = 57mm**
IEC Plug Filters

Power Entry Module with Line Filter
5120 Series - Standard Grade - Panel Mount

- Screw mounting, 2 x M3
- Protection Class 1, Pts Temp 70°C
- Quick connect terminals 6.3 x 0.8 mm
- Approvals: VDE, CSA, ENEC and UL Recognised

---

Panel Mounting, Snap-In
FN9222S Series

- 20A mains filter - Class 1
- Screw and Snap-in mounting
- 6.3 x 0.8mm tabs
- Rated Voltage: 125/250Vac AC
- Rated Current: 20A to UL/CSA
- Dissipation Current: 2A (250/60Hz)
- Medical: ≤5mA (250/60Hz)
- Withstand Voltage: 1.7 kVdc between L-N

- Voltage rating: 250V @ 0-400Hz
- Leakage current ≤190µA
- Protection level: Front IP40 to IEC60529
- Operating temperature range: -25°C to +85°C

---

Ultra Compact

- Faston Output terminals
- Ultra compact housing
- Right angle terminations
- Excellent performance to size ratio
- Good common mode and differential mode attenuation
- IEC 950 Compliant
- UL Recognised and CSA approved

---

Panel Mounting, High Performance
High Performance IEC Inlet Filter
FN 9233 Series

- Excellent attenuation performance
- Rated current up to 15A
- Housing with wider mounting flanges
- Approvals: UL1283, CSA 22.2 No. 8 1986, IEC/EN 60939
- Flammability standard: UL94-V2

Operating voltage: 250 VAC, 50/60 Hz
Operating frequency: dc to 400 Hz
Protection: IEC 60529
Temperature range: -25°C to +85°C
Capacitance: Cx 0.1 µF, Cy 2 x 2.2 nF

<table>
<thead>
<tr>
<th>Current (A)</th>
<th>Leakage Inductance (mH)</th>
<th>Mfrs. No.</th>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2</td>
<td>22.5</td>
<td>FN933UF2-J-06</td>
<td>187-7436</td>
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<tr>
<td>3.5</td>
<td>4.6</td>
<td>FN933UF2-J-06</td>
<td>187-7436</td>
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<tr>
<td>7.2</td>
<td>1.6</td>
<td>FN933UF2-J-06</td>
<td>187-7436</td>
<td></td>
</tr>
</tbody>
</table>

FN 9244 Series

- Superior attenuation performance
- Rated current up to 15A
- Rear / front or snap-in mounting
- Standard or wide mounting flange
- Approvals: UL1283, CSA 22.2 No. 8 1986, IEC/EN 60939
- Flammability standard: UL94-V2

Operating voltage: 250 VAC, 50/60 Hz
Operating frequency: dc to 400 Hz
Protection: IEC 60529
Temperature range: -25°C to +85°C
Capacitance: Cx 1.6 µF, Cy 2.2 µF

<table>
<thead>
<tr>
<th>Current (A)</th>
<th>Leakage Inductance (mH)</th>
<th>Mfrs. No.</th>
<th>Order Code</th>
<th>Price Each</th>
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<tbody>
<tr>
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<td>FN9244B-6-06</td>
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<td>11.6</td>
<td>10.0</td>
<td>FN9244B-10-06</td>
<td>187-7479</td>
<td></td>
</tr>
</tbody>
</table>

IEC Inlet Filter With Earth Line Choke
FN 9244E Series

- Superior attenuation performance
- Rated current up to 15A
- Integrated earth line choke
- Standard housing with mounting flanges
- Approvals: UL1283, CSA 22.2 No. 8 1986, IEC/EN 60939
- Flammability standard: UL94-V2

Operating voltage: 250 VAC, 50/60 Hz
Operating frequency: dc to 400 Hz
Protection: IEC 60529
Temperature range: -25°C to +85°C
Capacitance: Cx 0.015 µF, Cy 2 x 4.7 µF

<table>
<thead>
<tr>
<th>Current (A)</th>
<th>Leakage Inductance (mH)</th>
<th>Mfrs. No.</th>
<th>Order Code</th>
<th>Price Each</th>
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</thead>
<tbody>
<tr>
<td>1.2</td>
<td>59.5</td>
<td>FN9244E-1-06</td>
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<td>3.5</td>
<td>13.5</td>
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<td>7.2</td>
<td>4.1</td>
<td>FN9244E-6-06</td>
<td>187-7479</td>
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</tr>
<tr>
<td>11.6</td>
<td>1.0</td>
<td>FN9244E-10-06</td>
<td>187-7479</td>
<td></td>
</tr>
</tbody>
</table>

Panel Mounting

- Panel cut-out = 28.5 x 21
- Fixing centres = 40
- Depth behind panel = 3/6A = 51, 10A = 60.5

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10</td>
</tr>
</tbody>
</table>

IEC Inlet Filters - RID and RIX Series

- All IEC Inlet filters meet Overvoltage Category II
- Good performance in both common and differential mode
- PCB Mounting Options
- Compact Design
- UL CSA and TUV recognition

Panel cut-out: 31.5mm x 22.5mm
Panel cut-out: 31.5mm x 22.5mm
Frame size: 24mm x 50mm
Frame size: 24mm x 50mm
Contact rating: 1A/3A/6A/10A
Temp range: -25°C To +85°C

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10</td>
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</tbody>
</table>

Panel Mounting

- Panel cut-out = 28.5 x 21
- Fixing centres = 40
- Depth behind panel = 54.5

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10</td>
</tr>
</tbody>
</table>

Flammability standard: UL94-V2
Conforms to IEC60529
Superior attenuation performance
Approvals:
- UL1283, CSA 22.2 No. 8 1986
- VDE, SEMKO, CSA and UL Recognised
- UL Recognised

- Flammability standard: UL94-V2
- Conforms to IEC60529
- Superior attenuation performance
- Approvals:
- UL1283, CSA 22.2 No. 8 1986
- VDE, SEMKO, CSA and UL Recognised
- UL Recognised
Panel Mounting - continued

<table>
<thead>
<tr>
<th>Mfrs. List No.:</th>
<th>Description</th>
<th>Price Each</th>
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<tbody>
<tr>
<td>L2133C/L = 942-7104</td>
<td>Panel Mounting - Twin Fused</td>
<td></td>
</tr>
<tr>
<td>L2131C/L = 942-7112</td>
<td>Panel Mounting, Fused with Voltage Selector</td>
<td></td>
</tr>
<tr>
<td>L2135C/L = 942-7120</td>
<td>Panel Mounting - continued</td>
<td></td>
</tr>
</tbody>
</table>

IEC Plug Filters with Fuse

<table>
<thead>
<tr>
<th>Mfrs. List No.:</th>
<th>Description</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>FN9260-X/06, X=Rating in Amps</td>
<td>Fused Snap-In</td>
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Panel Mounting, Fused Snap-In

<table>
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<th>Price Each</th>
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<tbody>
<tr>
<td>2A</td>
<td>112-5793</td>
<td></td>
</tr>
<tr>
<td>6A</td>
<td>112-5794</td>
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</table>

Panel Mounting, Fused with Voltage Selector

<table>
<thead>
<tr>
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<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1A</td>
<td>113-0930</td>
<td></td>
</tr>
<tr>
<td>4A</td>
<td>113-0939</td>
<td></td>
</tr>
</tbody>
</table>

Power Entry module with Line Filter

Type KFA - Double fused

- Equipment plug with mains filter and 2 pole fuse holder
- All single elements wired
- Snap-in mounting
- 6.3 x 0.8mm tabs
- Complies to IEC60959 / EN 133 200. UL1283 / CSA C22.2 No.8
- Conforms to IEC/EN60950
- Approvals: UL CSA VDE
- Standard version

Note:
* Fuses and Fuse drawer sold separately

Troubleshooting Tips

Chat online to one of our technical engineers at farnell.com
**IEC Plug Filters with Switch**

**DC12 Series**

- **Compact design**
- **IEC connector module**, **10A line switch**, **2 pole**
- **Snap-in and screw-on mountings**
- **6.3 x 0.8mm tabs**
- **Suitable for high inrush currents**
- **Approvals: ENEC UL CSA**

**Rated Voltage** 250V/60Hz

**Rated Current**

- 2A
- 4A
- 6A
- 10A

**Test Voltage**

- Line-to-ground 1550 VAC
- Line-to-Line 1450 VDC

**Leakage Current**

- Line-to-ground ≤0.5mA

**Test Voltage**

- Line-to-ground 373µA

**Panel Mount, Switched, 2-Pole**

- **Compact design**
- **IEC connector module**, **10A line switch**, **2 pole**
- **Snap-in and screw-on mountings**
- **6.3 x 0.8mm tabs**
- **Suitable for high inrush currents**
- **Approvals: ENEC UL CSA**

**Rated Voltage** 250V, 60Hz

**Rated Current** 1-10A @ Ta 40°C

**Leakage current** ≤0.5mA @ 250V/60Hz

**Test Voltage**

- Between L-N 2.7kVDC
- Between L/N-PE 2.7kVDC

**Operating Temperature** -25°C to +85°C

**Protection Class** Class 1

**Panel Thickness (max)**

- Snap mounting 0.8mm to 3mm
- Screw mounting 8mm

**Housing Material** UL94V-0Thermoplastic, Black

**Order Code**

- DC12.1102.001
- DC12.2102.001
- DC12.3102.001
- DC12.4102.001
- DC12.5102.001

### Fused Panel Mount

- **Fuseholder (20 x 5mm)**

<table>
<thead>
<tr>
<th>Mftrs.</th>
<th>Rating</th>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>WF190 2/05 &amp; SF2010-2/01</td>
<td>2A</td>
<td>942-6990</td>
<td>1+</td>
</tr>
<tr>
<td>WF190 6/05 &amp; SF2010-6/01</td>
<td>6A</td>
<td>942-7007</td>
<td>25+</td>
</tr>
</tbody>
</table>

### Power Entry Module

- **EGG Series: Fused**

<table>
<thead>
<tr>
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<th>Price Each</th>
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<td>1+</td>
</tr>
<tr>
<td>4A</td>
<td>DC12.3102.101</td>
<td>107-6994</td>
<td>10+</td>
</tr>
<tr>
<td>6A</td>
<td>DC12.4102.101</td>
<td>107-6995</td>
<td>50+</td>
</tr>
<tr>
<td>10A</td>
<td>DC12.5102.101</td>
<td>107-6996</td>
<td>50+</td>
</tr>
</tbody>
</table>

**Rated Voltage** 250V, 60Hz

**Rated Current**

- 2A
- 4A
- 6A
- 10A

**Test Voltage**

- Between L-N 2.7kVDC
- Between L/N-PE 2.7kVDC

**Operating Temperature**

- Class 1

**Housing Material** UL94V-0Thermoplastic, Black

**Order Code**

- DC12.1102.001
- DC12.2102.101
- DC12.3102.101
- DC12.4102.101
- DC12.5102.101

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IEC Plug Filters with Switch - continued

Power Entry module - High Current
EC12 - 16A to 20A - Line Filter

- Equipment plug with mains filter and 2 pole switch
- All single elements wired
- EMC shielded
- Screw mounting
- 6.3 x 0.8mm tabs
- Complies to IEC60939 / EN 133 200. UL1283 / CSA
- C22.2 No.8
- Conforms to IEC/EN60950
- Approvals: UL CSA VDE

Rated Voltage 125/250 V AC
Rated Current 12/16A @ 40°C
Leakage Current ≤0.5mA @ 250V, 50Hz
Test Voltage 2.7kVDC Between L/N-PE
Panel Thickness (max) 8 mm
Housing Thermoplastic UL94V-0
Rated Voltage 250V ac @ 50/60 Hz
Contact rating 10A IP rating IP40 Housing Thermoplastic UL94V-0
Temperature range -25°C To +70°C
Test voltage 2.5 kV Between L-N ≥

Operating Temperature Protection Level Front Panel Mounting, Switched, Snap-In Mini Bezel
- -25°C to +80°C Panel Thickness (max) Housing Mat
- IP40 to IEC 61140 8 mm
- UL94V-0 Thermoplastic, Black

Filtered version of Mini Bezel switch mains inlets
- Each item individually terminated for interconnection flexibility
- Approved to VDE, CSA and UL Recognised
- Green illuminated versions feature medical filters without fitted Y capacitors.

Panel Thickness = 1.5
Depth behind panel = 63.5
Tabs = 4.8 x 0.8 (switch), 54.9 x 21.3 (D.P Switch)

Voltage Rating 250V @ 50 - 400Hz
Current Rating 6A
Earth Leakage Current ≤0.5mA @ 250V, 50Hz
-25°C to 80°C

Capacitance 0 - 0.015μF (X)
Inductance 2 x 0.3mH
Operating Temperature -25°C To +85°C

Price Each

SPST Switch
- Non-Illuminated B292/A622/558 999-7670
- Red-Illuminated B292/A622/558 999-7683

DPST Switch
- Non-Illuminated B292/A622/578 999-7710
- Red-Illuminated B292/A622/578 999-7713

IEC Inlet Filter
DD12 Series

- Ultra compact design, ideal for low profile designs
- Aluminium case provides good shielding
- All single elements are all ready wired
- Ideal for application with transient loads
- Designed for standard and medical applications
- Fuse drawer must be ordered separately

Panel Thickness = 1.5
Depth behind panel = 55mm
Panel cut out 49.3mm X 29.8mm

Voltage Rating 250V ac @ 50/60 Hz
Contact rating 1A/2A /4A/ 6A/10A
Temperatures range -25 To 85°C
IP RATING IP 40 Thermoplastic

Price Each

Current Rating
- 1A DD12.1121.111 143-0794
- 2A DD12.2121.111 143-0795
- 4A DD12.4121.111 143-0796
- 6A DD12.6121.111. 143-0800

Fuse Drawer 4301.1401 114-4556

IEC Plug Filters with Switch / Fuse

Power Entry Modules
KM Series - Ultra Compact

- With or without EMC shield
- Quick connect terminals. 4.8 x 0.8
- Fusedrawer must be ordered separately
- VDE, CSA Approved and UL Recognised

Voltage rating 250V ac @ 50/60 Hz
Contact rating 20A
IP rating IP40
Housing Thermoplastic UL94V-0
Panel Thickness 1.0 - 2.5mm
Panel Cut Out With EMC 28.8 x 47.8mm
W/O EMC 28.0 x 47.3mm

Price Each

Mfrs. List No.
- KM00.1205.11 116-2776
- KM01.1205.11 116-2777
- KM00.1105.11 116-2776
- KM01.1105.11 116-2777

1 Pole Fusedrawers
- 1 Pole
- 4301.1405 Standard 116-2738
- 4301.1407 Extra safe - Medical Grade 116-2739

2 Pole Fusedrawers
- 2 Pole
- 4301.1403 Extra safe - Medical Grade 116-2737
**DD11 Series**

- Ultra compact design, ideal for low profile designs
- Fuse drawer must be ordered separately
- Ideal for application with transient loads
- All single elements are already wired

**Panel cut-out**
- 47.1mm x 28.1mm

**Mounting Depth**
- 33.1mm

**Rating (A)**
- 6
- 4
- 2

**Price Each**
- 110-4572
- 110-4574
- 110-4576

---

**Panel Mounting, Switched and Fused**

**FN26... Series**

**Vertical Mount Version**
- Suitable for range of industrial and laboratory applications
- Approved to VDE, SEV and SEMKO
- UL and CSA recognised

**Horizontal Mount Version**
- Suitable for range of industrial and laboratory applications
- Approved to VDE, SEV and SEMKO
- UL and CSA recognised

**Snap-In Mount Version**
- Suitable for range of industrial and laboratory applications
- Approved to VDE, SEV and SEMKO
- UL and CSA recognised

**Dimensions**
- X: 220.5, Y: 2.19

**Current Rating**
- 1 Pole: 10A, 110-4596
- 2 Pole: 6A, 110-4572

**Price Each**
- 110-4596
- 110-4572

---

**Power Entry Module**

**P Series: Switched and Fused with Voltage Selector**

- Snap-in and horizontal mount
- Filtering for General purpose and Medical applications
- IEC Power line connector
- Both North American and European fusing capabilities
- DPST on/off switch
- Dual voltage (115/230 VAC)
- An RF Shield covers the filter portion of the module for increased performance
- UL Recognised, VDE Approved and CSA Certified

**Snap-in: H = 58.67, W = 51.67, Panel cutout = 58.67 x 51.67 mm**

---

**FN283 Series, Vertical Mounting, Single Fuse**

<table>
<thead>
<tr>
<th>Current (A)</th>
<th>Order Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>110-4583</td>
</tr>
<tr>
<td>4</td>
<td>110-4584</td>
</tr>
<tr>
<td>6</td>
<td>110-4585</td>
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</tbody>
</table>

**FN284 Series, Horizontal Mount, Double Fuse**

<table>
<thead>
<tr>
<th>Current (A)</th>
<th>Order Code</th>
</tr>
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<tbody>
<tr>
<td>2</td>
<td>110-4592</td>
</tr>
<tr>
<td>4</td>
<td>110-4593</td>
</tr>
<tr>
<td>6</td>
<td>110-4594</td>
</tr>
</tbody>
</table>

---

**FN285 Series, Snap-In, Single Fuse**

<table>
<thead>
<tr>
<th>Current (A)</th>
<th>Order Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>110-4591</td>
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<tr>
<td>4</td>
<td>110-4592</td>
</tr>
<tr>
<td>6</td>
<td>110-4593</td>
</tr>
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</table>

**FN286 Series, Snap-In, Double Fuse**

<table>
<thead>
<tr>
<th>Current (A)</th>
<th>Order Code</th>
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<tbody>
<tr>
<td>2</td>
<td>110-4595</td>
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<tr>
<td>4</td>
<td>110-4596</td>
</tr>
<tr>
<td>6</td>
<td>110-4597</td>
</tr>
</tbody>
</table>

---

**FN287 & FN288 - Vertical mounting screw version**

**FN283 & FN284 - Horizontal mounting screw version**

- Suitable for range of industrial and laboratory applications
- Approved to VDE, SEV and SEMKO
- UL and CSA recognised
- Leakage current: 37µA

---

**UL Recognised, VDE Approved and CSA Certified**

Snap-in: H = 58.67, W = 51.67, Panel cutout = 58.67 x 51.67 mm

Horizontal cutout: H = 58.67, W = 50.29, D = 51.67 mm

Panel cut-out = 60 x 29, Depth behind panel = 90

Rating centres = 40, Tabs = 6.3 x 0.8

- IEC plug filter conforming to IEC320 with integral voltage selector
- Single fuse and double pole on/off switch
- Approved to VDE, SEV, SEMKO, CSA and UL Recognised
- Designed to meet IEC558

**Voltage Rating**
- 250V @ 0-400Hz max.
- Inductance: 7.5mH ±10% ±5%

**Voltage Selector**
- 120/110-220-240V

**Fuse Holder**
- 20mm x 5mm or 1 1⁄4" x 20mm

**Inductance to Earth**
- 0.4mH

**Capacitance**
- 1 x 0.22µF (X)

**Operating Temp.**
- -20°C to +65°C
### Power Entry Module - continued

**P Series: Switched and Fused with Voltage Selector - continued**

- **Temperature Range:** -10 to 60°C
- **Operating Voltage:** 120V / 250V
- **Operating Frequency:** 50/60 Hz

#### Models

<table>
<thead>
<tr>
<th>Models</th>
<th>Leakage current</th>
<th>Leakage Inductance</th>
</tr>
</thead>
<tbody>
<tr>
<td>General purpose</td>
<td>0.35mA</td>
<td>3mH</td>
</tr>
<tr>
<td>Medical</td>
<td>0.75mA</td>
<td>3mH</td>
</tr>
</tbody>
</table>

#### Test Voltage (1 minute)

- **Connector:** Line-to-Line 1500 VAC
- **Connector:** Line-to-Ground 1450 VAC

#### Operating Voltage

- **250V**
- **120V**

#### Medical

- **@ 250 VAC 50Hz:** 5µA
- **@ 120 VAC 50Hz:** 2µA

#### Mfrs.

<table>
<thead>
<tr>
<th>List No.</th>
<th>Rating</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>SF2032-2/01</td>
<td>942-7210</td>
<td></td>
</tr>
<tr>
<td>SF2032-6/01</td>
<td>942-7228</td>
<td></td>
</tr>
<tr>
<td>SF2032M-6/01</td>
<td>942-7238</td>
<td></td>
</tr>
</tbody>
</table>

#### Panel Mounting, Switched and Fused

- **Double Pole Switch and Double Fuseholder**

#### Cut-out (front mounting)

- **H = 65.5, W = 30, D = 67:** Depth behind panel incl. tabs = 64. Tabs = 6.3 x 0.8
- **H = 67.5, W = 29, D = 67:** Depth behind panel incl. tabs = 64. Tabs = 6.3 x 0.8

#### Earth Leakage Current

- **2 x 0.5mA 0.5:** SF2032M-6/01 942-7236
- **2 x 0.2mA 0.5:** SF2032-6/01 942-7228

#### Operating Frequency

- **50/60 Hz**

#### Voltage Rating

- **250Vac, 50/60Hz**

#### Applications

- **IEC 664**
- **TUV, CSA**

### Flange, Snap-in, Chassis, Mounting

- **Standard, Fused, Switched and Fused**

- **IEC950 inlets.**
- **Approved to VDE, SEMKO, CSA and UL Recognised**

#### Voltage Rating

- **250V @ 50-400Hz**

#### Current Rating

- **6A**
- **2A**

#### Earth Leakage Current

- **<500µA @ 250V, 50Hz**

#### Earth Leakage Leakage

- **2 x 0.2mA 0.5:** SF2032-6/01 942-7228

#### Panel Mount Thickness

- **1.2 to 1.5mm**
- **2.0 to 2.5mm**

#### Panes Thickness

- **1.5 to 3**

#### Panel Thickness

- **3.2mm**

#### Panel Mounting

- **Double Pole Switch and Double Fuseholder**

#### Voltage Rating

- **250Vac, 50/60Hz**

#### Operating Temperature

- **-20°C to +85°C**

### Connector - Power & Mains

- **IEC 950 (EN 60950 Applications)**
- **IEC 320 input terminals**
- **6.3 x 0.8 Faston output terminals**
- **Approved to UL, VDE and CSA**

### Panel Mounting, Switched and Fused

- **Style A**
  - Panel cut-out = 56.6 x 34.4
  - Panel thickness = 1.5 to 3
  - Tabs = 6.3 x 0.8

- **Style B**
  - Panel cut-out = 76.5 x 34.4
  - Panel thickness = 1.5 to 3
  - Tabs = 6.3 x 0.8
  - (<2.8 x 0.5 on fuseholder)

- **Style C**
  - Panel cut-out = 76.5 x 34.4
  - Panel thickness = 1.5 to 3
  - Tabs = 6.3 x 0.8

### Price Each

- **List No.**
  - **2**
  - **6**
  - **6**

#### Price Each

- **942-7210**
- **942-7228**
- **942-7238**
EMI/EMC Filter

EBF Series: Outlet Filters

- Good shield effects by using a metal case
- Meets over voltage category of IEC 664 and comply with IEC 950
- Uses IEC connector that meets the safety standards of virtually all certifying organisations
- Low leakage current required for international usage
- Grounded connection

Accessory Outlet Filter

EFB Series: Outlet Filters

- A fuse holder and a double pole power On/Off switch
- Suitable for the product that must conform to FCC, FTZ
- Meets over voltage category of IEC 864 and comply with IEC 950
- Uses IEC connector that meets the safety standards of virtually all certifying organisations
- Good shield effects by using a metal case

<p>|</p>
<table>
<thead>
<tr>
<th>Mfrs.</th>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

IEC Filtered Distribution Boards

5 Way In-Line Stripbloc

- Five way filtered distribution board for IEC320/CEE22 European mains plugs
- Manufactured from rugged black ABS
- Fitted with mains red neon indicator and 6.3A 20 x 5mm fuse.

<table>
<thead>
<tr>
<th>Mfrs.</th>
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<tbody>
<tr>
<td></td>
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</tbody>
</table>

Circular Mains

3 Pole Miniature Outlet 3A

- Three way filtered distribution board for IEC320/CEE22 European mains plugs
- Manufactured from rugged black ABS
- Fitted with mains red neon indicator and 6.3A 20 x 5mm fuse.

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<td></td>
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</tr>
</tbody>
</table>

IEC Outlet Filters

- Horizontal mount
- Filters noise between system and the accessories
- Enhanced performance utilizing common mode inductance
- Differential mode capacitance
- Grounded connection
- Low leakage current required for international usage
- UL Recognised, VDE Approved and CSA Certified

The first online technical portal for design engineers

Log on, research, refine and design
Circular Mains - continued

### 3 Pole Sub-Miniature Inlet 5A

- **Power & Mains Connectors**
- **Connectors**
- **Insulation Boot**
- **Power-Con Locking 3 Pole**
- **Shrouded Contact Mains**

**3 Pole Sub-Miniature Inlet 5A**

- **147-074**
- **L=35, Dia=15.0**
- **H=19, W=29, D=22.5**

The fully shrouded female free socket has cable strain relief, cord clamp and solder terminals. The chassis plug has shrouded pins to prevent accidental damage and soldered terminal connections. The chassis plug has shrouded pins to prevent accidental damage and solder terminal connections.

**Contact Rating**
- **5A @ 250V ac**
- **Contacts**: Phosphor Bronze, Silver Plated
- **Socket**: Phosphor Bronze, Silver Plated

**Mfrs. List Nos:**
- **R6P7-12P-35(73) = 107-7723**
- **R6P7-12RB-3P(71) = 107-7726**

**Description**
- **Free Socket**
- **Chassis Plug**

**Order Code**
- **Price Each**
  - 1 +
  - 50 +
  - 150 +
  - 250 +

**Power-Con TRUE1**

**16A Lockable Single Phase Connector**

- **NEW**
- **Easy and reliable locking system**
- **True mains connector with breaking capacity (CBC)**
- **Lockable 16/20 A single phase connector**
- **Complete system with inlet and outlet connectors**
- **Unique duplex chassis connector - combines inlet and outlet coupler**
- **Water resistant to IP65**
- **VDE Certified**

**Description**
- **Mfrs.**
- **List No.**
- **Order Code**
- **Price Each**

**Order Code**
- **Price Each**
  - 1 +
  - 10 +
  - 25 +
  - 50 +

**3 and 4 Pole Miniature 3A**

- **3 Pole**
- **Order Code**
- **Price Each**
  - 1 +
  - 100 +
  - 250 +
  - 500 +
  - 1K +
  - 2K +

**4 Pole**

- **Order Code**
- **Price Each**
  - 1 +
  - 100 +
  - 250 +
  - 500 +
  - 1K +
  - 2K +

**8 Pole 6A**

- **Free plug**
- **H=46.8, W=40.1, D=19.8 (mated), Flange=3.2 thick**
- **Panel socket**
- **H=47.7, W=41.7, Flange=3.2 thick**

**Non-reversible 8-pole mains plug and sockets featuring leading centre pin earth contact. Suitable for lightning, heating or any application requiring up to 8 contacts rated at mains voltage.**

**Contact Rating (per pin)**
- **6A @ 250Vac**
- **Temperature Range**
- **-20°C to +70°C**

**Contact Resistance**
- **≤ 2.5 mm²**

**Insulation Resistance**
- **≥ 100 MΩ**

**Breakdown Voltage**
- **≥ 4.2kV**

**Subjects**
- **Nickel Plated**
- **Phosphor Bronze, Silver Plated**
- **Gold over Tin Plating**

**Mfrs. List Nos:**
- **SA2403 = 314-020**
- **SA2404 = 314-031**
- **SA2367 = 314-043**
- **SA2368 = 314-055**

**Panel cut-out**

- **Price Each**
  - 1 +
  - 50 +
  - 100 +
  - 250 +
  - 500 +
  - 1K +
  - 2K +

**Panel socket**

- **Panel cut-out**

- **Price Each**
  - 1 +
  - 50 +
  - 100 +
  - 250 +
  - 500 +
  - 1K +

---

**Power & Mains Connectors**

- **Connectors**
  - **Shrouded Contact Mains**

**Order Code**
- **List No.**
- **Price Each**
  - 1 +
  - 10 +
  - 25 +
  - 50 +

**Price Each**
- **1 +
  - 100 +
  - 250 +
  - 500 +
  - 1K +
  - 2K +**

---

**Shrouded Contact Mains**

- **3 Pole**
- **Order Code**
- **Price Each**
  - 1 +
  - 100 +
  - 250 +
  - 500 +
  - 1K +
  - 2K +

- **4 Pole**
- **Order Code**
- **Price Each**
  - 1 +
  - 100 +
  - 250 +
  - 500 +
  - 1K +
  - 2K +

---

**8 Pole 6A**

- **Free Plug**
- **Panel Socket**

**Order Code**
- **Price Each**
  - 1 +
  - 50 +
  - 100 +
  - 250 +
  - 500 +
  - 1K +
### 3 Pole Miniature 3A

- **Panel cut-out**: H=26.2, W=17.9, D=22.2
- **Temperature Range**: 0 - 60°C
- **Voltage Rating**: 2.5A 250VAC, 6A 125VAC, 7A 42VAC and 7A 42VDC
- **Breakdown Voltage**: 6kV (314-092) Black Nylon
- **Contact Rating**: 10A @ 250V ac
- **Housing**: (314-080) Black Phenolic Resin

### 3 Pole 10A

- **Panel cut-out**: H=41.4, W=28, D=32.6
- **Temperature Range**: -25°C to + 70°C
- **Voltage Rating**: 8.5A 600VAC
- **Breakdown Voltage**: 2500V rms
- **Contact Rating**: 8.5A

### '8020' 2 and 3 Way-In-Line

- **Contact Material**: Copper Alloy
- **Contact Plating**: Nickel Plated
- **Current Rating**: 16A

### 7.5mm Mini HVL Connector System

- **Voltage Rating**: 2.5A 250VAC, 6A 125VAC, 7A 42VAC and 7A 42VDC
- **Temperature Range**: 0 - 60°C
- **Durability**: 500 Cycles
- **Application**: Applicable in power connector-coupling between lamps such as lighting wiring offices, key requirements. It is installable in small fixtures into furniture, kitchen, bathroom, shop and household furniture.
Shrouded Contact Mains - continued

Winsta® Mini - continued

890 and 891 Series - continued

<table>
<thead>
<tr>
<th>No. of Cable</th>
<th>Mfrs.</th>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poles (mm)</td>
<td>List No.</td>
<td>1+</td>
<td>10+</td>
</tr>
</tbody>
</table>

Cable Assemblies, 2 x 1.5mm² Halogen Free Black Lead, Socket to Plug

| 1 | 891-8992/016-071 | 186-9344 | 186-9344 |
| 2 | 891-8992/016-201 | 186-9344 | 186-9344 |
| 3 | 891-8992/016-301 | 186-9344 | 186-9344 |
| 4 | 891-8992/016-401 | 186-9344 | 186-9344 |
| 5 | 891-8992/016-501 | 186-9344 | 186-9344 |

T-Connector, Plug, Socket and Housing

Winsta Midi Series

- Available in 3, 4 and 5 Pole
- Black or white
- Plug and socket complete with housing
- Voltage rating: 250V (3 pole) and 400V (4 & 5 pole)
- Accommodates solar cable with different insulation diameters
- High current carrying capacity
- Mating safety provided by keyed housing
- Accommodates solar cable with different insulation diameters
- High current carrying capacity
- TÜV and UL approved
- NEC 2008, 690.33 compliant
- Warning Labels: “Solar Disconnect”

SOLARLOK Photovoltaic Cable Couplers

SOLARLOK delivers a flexible system solution for easy and reliable interconnections from photovoltaic modules to the DC/AC converter. The male and female cable connectors are designed for high voltage and high current-carrying capacity in addition to the well established IP 67 sealing requirement in the photovoltaic industry.

Features:
- Mating safety provided by keyed housing
- Semi-automatic assembly capability possible
- Multiple plugging and unplugging cycles
- Accommodates solar cable with different insulation diameters
- High current carrying capacity
- Wide temperature operating range
- TÜV and UL approved

Specifications:
- Contact Plating: Silver
- Housing Material: PPO
- Contact Material: Copper Zinc

DC Converter Receptacle

SOLARLOK

The design of the male and female receptacle for the junction box and the DC/AC converter follow the cable coupler click philosophy for quick and secure mating even in difficult mounting positions. Comes with O-ring and metal nut.

- Mating safety provided by keyed housing
- High current carrying capacity
- Accommodates solar cable with different insulation diameters

Amphenol Connectors

Helios H4
Field Attachable Photovoltaic Power Systems — LC3 Series

- Panel mount connectors for system components such as inverters, generator isolation housings or accumulation boxes
- Quick and easy assembly
- Manual crimping tool allows for cost effective assembly
- Rugged and durable for permanently reliable system operation
- Optional locking according to NEC 2008 NFPA 70
- With contact-voltage protection
- UV and ozone-resistant
- Halogen-free

Specifications:
- Current Rating: 35A (12 AWG) / 40A (10 AWG)
- Contact Resistance: 5mohm
- Operating Temp.: -40°C to 85°C
- Voltage Rating: 1000VDC

<table>
<thead>
<tr>
<th>List No.</th>
<th>Wire Size</th>
<th>Polarity</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC3-CP 10-1-4.0</td>
<td>12AWG</td>
<td>Positive</td>
<td>1+ 10+ 25+ 100+</td>
</tr>
<tr>
<td>LC3-CP 10-2-4.0</td>
<td>12AWG</td>
<td>Negative</td>
<td>100+</td>
</tr>
</tbody>
</table>

Plugs

<table>
<thead>
<tr>
<th>List No.</th>
<th>Wire Size</th>
<th>Polarity</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC3-CP 10-1-4.0</td>
<td>12AWG</td>
<td>Positive</td>
<td>1+ 10+ 25+ 100+</td>
</tr>
<tr>
<td>LC3-CP 10-1-6.0</td>
<td>10AWG</td>
<td>Positive</td>
<td>144-01910</td>
</tr>
</tbody>
</table>

Sockets

<table>
<thead>
<tr>
<th>List No.</th>
<th>Wire Size</th>
<th>Polarity</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC3-CP 10-1-4.0</td>
<td>12AWG</td>
<td>Positive</td>
<td>144-01910</td>
</tr>
<tr>
<td>LC3-CP 11-1-6.0</td>
<td>10AWG</td>
<td>Positive</td>
<td>144-01910</td>
</tr>
</tbody>
</table>

Dust Caps

<table>
<thead>
<tr>
<th>List No.</th>
<th>Size</th>
<th>Price Each</th>
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</thead>
<tbody>
<tr>
<td>LC3-CX 91</td>
<td>For Sockets</td>
<td>174-02210</td>
</tr>
<tr>
<td>LC3-CX 92</td>
<td>For Plugs</td>
<td>174-02212</td>
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</tbody>
</table>

Crimp Tools

<table>
<thead>
<tr>
<th>List No.</th>
<th>No. of Mating Cycles</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC3-CX 247-4</td>
<td>12AWG</td>
<td>174-02210</td>
</tr>
<tr>
<td>LC3-CX 247-6</td>
<td>10AWG</td>
<td>174-02230</td>
</tr>
</tbody>
</table>

Field Attachable Photovoltaic Power Systems — LC4 Series

- Panel mount connectors for system components such as inverters, generator isolation housings or accumulation boxes
- Quick and easy assembly
- Manual crimping tool allows for cost effective assembly
- Rugged and durable for permanently reliable system operation
- With contact-voltage protection
- UV and ozone-resistant
- Halogen-free

Specifications:
- Current Rating: 35A (12 AWG) / 40A (10 AWG)
- Contact Resistance: 5mohm
- Operating Temp.: -40°C to 90°C
- Voltage Rating: 1000VDC

<table>
<thead>
<tr>
<th>List No.</th>
<th>Wire Size</th>
<th>Polarity</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC4-CP 10-1-4.0</td>
<td>12AWG</td>
<td>Positive</td>
<td>174-02130</td>
</tr>
<tr>
<td>LC4-CP 10-2-4.0</td>
<td>10AWG</td>
<td>Negative</td>
<td>174-02140</td>
</tr>
</tbody>
</table>

Sockets

<table>
<thead>
<tr>
<th>List No.</th>
<th>Wire Size</th>
<th>Polarity</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC4-CP 11-1-4.0</td>
<td>12AWG</td>
<td>Positive</td>
<td>174-02140</td>
</tr>
<tr>
<td>LC4-CP 11-2-4.0</td>
<td>10AWG</td>
<td>Negative</td>
<td>174-02150</td>
</tr>
</tbody>
</table>

Crimp Tool

<table>
<thead>
<tr>
<th>List No.</th>
<th>No. of Mating Cycles</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC4-CX 264</td>
<td>10-12 AWG</td>
<td>174-02240</td>
</tr>
</tbody>
</table>

Panel Mount Photovoltaic Power Systems — LC3 Series

- Panel mount connectors for system components such as inverters, generator isolation housings or accumulation boxes
- Quick and easy assembly
- Manual crimping tool allows for cost effective assembly
- Rugged and durable for permanently reliable system operation
- UV and ozone-resistant
- Halogen-free

Specifications:
- Current Rating: 35A (12 AWG) / 40A (10 AWG)
- Contact Resistance: 5mohm
- Operating Temp.: -40°C to 85°C
- Voltage Rating: 1000VDC

<table>
<thead>
<tr>
<th>List No.</th>
<th>Wire Size</th>
<th>Polarity</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC3-CP 30-1-4.0</td>
<td>12AWG</td>
<td>Positive</td>
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</tr>
<tr>
<td>LC3-CP 30-1-6.0</td>
<td>10AWG</td>
<td>Positive</td>
<td>174-02020</td>
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Sockets

<table>
<thead>
<tr>
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<th>Price Each</th>
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<td>Negative</td>
<td>174-02030</td>
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<tr>
<td>LC3-CP 30-2-6.0</td>
<td>10AWG</td>
<td>Negative</td>
<td>174-02040</td>
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</table>

Crimp Tools

<table>
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<tbody>
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<td>LC3-CX 91</td>
<td>For Sockets</td>
<td>174-02110</td>
</tr>
<tr>
<td>LC3-CX 92</td>
<td>For Plugs</td>
<td>174-02120</td>
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</table>

Field Attachable Photovoltaic Power Systems

- Can be assembled anywhere on-site
- Convenient for smaller installations
- Complements the wiring concept with pre-assembled, overmolded connectors
- Quick and easy assembly
- Rugged and durable for permanently reliable system operation
- With contact-voltage protection
- UV and ozone-resistant
- Halogen-free

Specifications:
- Current Rating: 35A (12 AWG) / 40A (10 AWG)
- Contact Resistance: 5mohm
- Operating Temp.: -40°C to 90°C
- Voltage Rating: 1000VDC

<table>
<thead>
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</thead>
<tbody>
<tr>
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<td>10-12 AWG</td>
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<tr>
<td>LC4-CP 10-2-4.0/6.0</td>
<td>10-12 AWG</td>
<td>Negative</td>
<td>174-02140</td>
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Sockets

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<th>Price Each</th>
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<tr>
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<td>Positive</td>
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<tr>
<td>LC4-CP 11-2-4.0/6.0</td>
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Crimp Tool

<table>
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<tbody>
<tr>
<td>LC4-CX 264</td>
<td>10-12 AWG</td>
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Solar Power / Photovoltaic - continued

Field Attachable Photovoltaic Power Systems - continued

LC4 Series - continued

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<tr>
<td>LC4-CP 30-1 4.0/6.0</td>
<td>10-12 AWG Positive</td>
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<td>25+</td>
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<tr>
<td>LC4-CP 30-2 4.0/6.0</td>
<td>10-12 AWG Negative</td>
<td><strong>174-0219</strong></td>
<td>1+</td>
<td>10+</td>
<td>25+</td>
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</table>

**SolarSpec™ DC Connectors**

These rugged and durable cable mounted, IP67-sealed, SolarSpec™ DC connectors with simple snap-lock mating and internal locking mechanism for superior safety are designed for direct connection to solar junction boxes, field installations and photovoltaic grid wiring and deliver quality and value to module manufacturers, installers and distributors.

- **Internal locking mechanism**
- **Dual qualified by TÜV and UL**
- **Meets NEC 2008 (690.33) and NFPA 70**
- **Resistant to UV and ozone damage**

**Connectors**

**Crimp Tool**

<table>
<thead>
<tr>
<th>Mfrs. No.</th>
<th>Wire</th>
<th>Order Code</th>
<th>List No.</th>
<th>Price Each</th>
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<tbody>
<tr>
<td>LC4-CX 62X48</td>
<td>10-12 AWG</td>
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<td>10+</td>
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</table>

**Cable Connectors - Sockets**

<table>
<thead>
<tr>
<th>Mfrs. No.</th>
<th>Cable Length</th>
<th>Order Code</th>
<th>List No.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>96.031.4053.1</td>
<td>6 - 10 mm</td>
<td><strong>161-9490</strong></td>
<td>1+</td>
<td>10+</td>
</tr>
<tr>
<td>96.032.4153.1</td>
<td>10 - 14 mm</td>
<td><strong>161-9491</strong></td>
<td>1+</td>
<td>10+</td>
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</table>

**Cable Connectors - Plugs**

<table>
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<th>Cable Length</th>
<th>Order Code</th>
<th>List No.</th>
<th>Price Each</th>
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</thead>
<tbody>
<tr>
<td>96.033.4153.1</td>
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<td>1+</td>
<td>10+</td>
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</table>

**Splitter Sockets**

<table>
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<th>List No.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>96.032.4253.1</td>
<td>6 - 10 mm</td>
<td><strong>161-9493</strong></td>
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<tr>
<td>96.031.4353.1</td>
<td>10 - 14 mm</td>
<td><strong>161-9494</strong></td>
<td>1+</td>
<td>10+</td>
</tr>
</tbody>
</table>

**Apply Line Connectors - Plugs**

<table>
<thead>
<tr>
<th>Mfrs. No.</th>
<th>Mfrs. Cable Length</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>161-8955</td>
<td><strong>M05</strong></td>
<td>161-9497</td>
</tr>
<tr>
<td>161-8956</td>
<td><strong>M20</strong></td>
<td>161-9498</td>
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</tbody>
</table>

**Appliance Connectors - Sockets**

<table>
<thead>
<tr>
<th>Mfrs. No.</th>
<th>Mfrs. Cable Length</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>161-8957</td>
<td><strong>M05</strong></td>
<td>161-9499</td>
</tr>
<tr>
<td>161-8958</td>
<td><strong>M20</strong></td>
<td>161-9500</td>
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**Appliance Connectors - Plugs**

<table>
<thead>
<tr>
<th>Mfrs. No.</th>
<th>Mfrs. Cable Length</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>161-8959</td>
<td><strong>M05</strong></td>
<td>161-9501</td>
</tr>
<tr>
<td>161-8960</td>
<td><strong>M20</strong></td>
<td>161-9502</td>
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</table>

**3 Pole Cables RST 2903 series**

<table>
<thead>
<tr>
<th>Mfrs. No.</th>
<th>Cable Length</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1618948</td>
<td><strong>1m</strong></td>
<td>161-9955</td>
</tr>
<tr>
<td>1618949</td>
<td><strong>3m</strong></td>
<td>161-9956</td>
</tr>
<tr>
<td>1618950</td>
<td><strong>5m</strong></td>
<td>161-9957</td>
</tr>
</tbody>
</table>

**Solar Power / Photovoltaic - continued**

**For general mains applications**

**Built-in strain relief, coding and locking device**

**Screw clamp terminations**

**Current rating - 20A**

**Voltage - 250V**

**Housings - Thermostatic, PA 66**

**3 Poles**

**Operating temperature -40°C to 100°C**

**IP65, IP66, IP67, IP68**

**Description:**

- **Plug - Free-end cables** - ultrasonically welded wire ends and locking device
- **Cable strip length** - 35mm
- **Insulation strip length** - 9mm
- **Socket - Free-end cables** - with ultrasonically welded wire ends
- **Cable strip length** - 35mm
- **Insulation strip length** - 9mm

**Plug - Socket cables** - with locking device

<table>
<thead>
<tr>
<th>Mfrs. No.</th>
<th>Cable Length</th>
<th>Order Code</th>
<th>List No.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1618940</td>
<td><strong>1m</strong></td>
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<td></td>
</tr>
<tr>
<td>1618941</td>
<td><strong>3m</strong></td>
<td>161-9957</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1618942</td>
<td><strong>5m</strong></td>
<td>161-9958</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Sealed 3 Pole Connectors RST 2903 series**

<table>
<thead>
<tr>
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<th>Cable Length</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
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<td>161-9956</td>
</tr>
<tr>
<td>1618950</td>
<td><strong>5m</strong></td>
<td>161-9957</td>
</tr>
</tbody>
</table>

**For general mains applications**

**Built-in strain relief, coding and locking device**

**Screw clamp terminations**

**Current rating - 20A**

**Voltage - 250V**

**Housings - Thermostatic, PA 66**

**3 Poles**

**Operating temperature -40°C to 100°C**

**IP65, IP66, IP67, IP68**

**Description:**

- **Plug - Free-end cables** - ultrasonically welded wire ends and locking device
- **Cable strip length** - 35mm
- **Insulation strip length** - 9mm
- **Socket - Free-end cables** - with ultrasonically welded wire ends
- **Cable strip length** - 35mm
- **Insulation strip length** - 9mm

**Plug - Socket cables** - with locking device

<table>
<thead>
<tr>
<th>Mfrs. No.</th>
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<th>List No.</th>
<th>Price Each</th>
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</tr>
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<td>1618950</td>
<td><strong>5m</strong></td>
<td>161-9958</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
5 Pole Connectors
RST 205 series
- For general mains applications
- Built-in strain relief, coding and locking device
- Screw clamp terminations
- Current rating - 20A
- Voltage - 250V
- housings - Thermoplastic, PA 66
- 5 Poles
- Operating temperature -40°C to 100°C
- IP65, IP66, IP67, IP68

Cable strip length - 35mm

5 Pole Cables
RST 205 series
- For general mains applications
- 3 lengths of cable available - 1, 3 & 5m
- Current rating - 20A
- Voltage - 250V

Snaplock Connector System
Single Pole Plugs & Sockets
- Miniature power cable hook up system
- High current
- Minimal physical dimensions
- Improved safety Characteristics
- Contact clip retention
- Fast, simple assembly
- Free connector has crimp termination
- Panel connector has M12 threaded post
- IP67 when mated

Free Socket
- Contact
- List No.
- Colour Wire Size
- Mftrs.
- List No.
- Order Code
- Price Each
- Description

Free Plug
- Contact
- List No.
- Colour Wire Size
- Mftrs.
- List No.
- Order Code
- Price Each
- Description

Panel Socket - M12 Threaded Post
- Contact
- List No.
- Colour
- Mftrs.
- List No.
- Order Code
- Price Each
- Description

Panel Plug - M12 Threaded Post
- Contact
- List No.
- Colour
- Mftrs.
- List No.
- Order Code
- Price Each
- Description

Crimp Tool
- Order Code
- Price Each
- Description

Lemo - High Power Connectors
- Locking ring on plug

Lemo High Power
- Operating Voltage
- Operating Voltage DC
- Contact Dia
- Rated Current
- AWG Max Solid
- AWG Max Stranded
- Collet size mm
- Body Material
- Body Plating
- Price Each
- Description
# Lemo - High Power Connectors - continued

## Low Voltage DC Power Connectors

Miniature plugs and sockets for low voltage dc power requirements. Suitable for a wide range of applications eg. measurement and test instruments, calculators, portable audio/video equipment, rechargeable battery packs etc.

Available in three sizes of plugs and PCB mounting sockets or a single chassis mounting socket.

<table>
<thead>
<tr>
<th>Type</th>
<th>Typ</th>
<th>DC Voltage</th>
<th>Dimensions, shaft</th>
<th>Order Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>JSAP1</td>
<td>1636</td>
<td>01</td>
<td>3.15V</td>
<td>121-6982</td>
</tr>
<tr>
<td>JSAP2</td>
<td>1636</td>
<td>02</td>
<td>3,15V - 6.3V</td>
<td>120-0128</td>
</tr>
<tr>
<td>JSAP3</td>
<td>1636</td>
<td>03</td>
<td>6,3V - 10.5V</td>
<td>121-6984</td>
</tr>
<tr>
<td>JSBP4</td>
<td>1636</td>
<td>04</td>
<td>10,5V - 13.15V</td>
<td>121-6985</td>
</tr>
<tr>
<td>JSBP5</td>
<td>1636</td>
<td>05</td>
<td>13,15V - 18V</td>
<td>121-6986</td>
</tr>
</tbody>
</table>

## Plugs

- DC plug connector in accordance with the EIAJ Standard
- Maximum current load 2 A

<table>
<thead>
<tr>
<th>Type</th>
<th>Typ</th>
<th>DC Voltage</th>
<th>Dimensions, shaft</th>
<th>Order Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>JSAP1</td>
<td>1636</td>
<td>01</td>
<td>0.7mm x 2.35mm</td>
<td>121-6992</td>
</tr>
<tr>
<td>JSAP2</td>
<td>1636</td>
<td>02</td>
<td>1.7mm x 44.0mm</td>
<td>120-0129</td>
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<tr>
<td>JSAP3</td>
<td>1636</td>
<td>03</td>
<td>1.7mm x 4.75mm</td>
<td>121-6994</td>
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<tr>
<td>JSBP4</td>
<td>1636</td>
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<td>3.3mm x 5.5mm</td>
<td>121-6995</td>
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<td>JSBP5</td>
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<td>05</td>
<td>4.3mm x 6.5mm</td>
<td>156-8397</td>
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## PCB Mounting Sockets

<table>
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<th>DC Voltage</th>
<th>Dimensions, shaft</th>
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<tbody>
<tr>
<td>JSAP1</td>
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<td>01</td>
<td>3.15V</td>
<td>121-6992</td>
</tr>
<tr>
<td>JSAP2</td>
<td>1636</td>
<td>02</td>
<td>3.15V - 6.3V</td>
<td>120-0128</td>
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<td>03</td>
<td>6.3V - 10.5V</td>
<td>121-6994</td>
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<tr>
<td>JSBP4</td>
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<td>04</td>
<td>10.5V - 13.15V</td>
<td>121-6995</td>
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<tr>
<td>JSBP5</td>
<td>1636</td>
<td>05</td>
<td>13,15V - 18V</td>
<td>121-6996</td>
</tr>
</tbody>
</table>

## Chassis Mounting Sockets

- Screw mount
- Flange fixing

<table>
<thead>
<tr>
<th>Type</th>
<th>Typ</th>
<th>DC Voltage</th>
<th>Dimensions, shaft</th>
<th>Order Code</th>
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</thead>
<tbody>
<tr>
<td>JSAP1</td>
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<td>01</td>
<td>3.15V</td>
<td>121-6992</td>
</tr>
<tr>
<td>JSAP2</td>
<td>1636</td>
<td>02</td>
<td>3.15V - 6.3V</td>
<td>120-0128</td>
</tr>
<tr>
<td>JSAP3</td>
<td>1636</td>
<td>03</td>
<td>6.3V - 10.5V</td>
<td>121-6994</td>
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<tr>
<td>JSBP4</td>
<td>1636</td>
<td>04</td>
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<td>121-6995</td>
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<tr>
<td>JSBP5</td>
<td>1636</td>
<td>05</td>
<td>13,15V - 18V</td>
<td>121-6996</td>
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</table>

## Sockets, PCB and Panel Mount

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<tbody>
<tr>
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<tr>
<td>NEB21R</td>
<td>1636</td>
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</tr>
<tr>
<td>NEB212</td>
<td>1636</td>
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<td>NEB215</td>
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<td>04</td>
</tr>
<tr>
<td>NEB215R</td>
<td>1636</td>
<td>05</td>
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</tbody>
</table>

## Troubleshooting Tips

Chat online to one of our technical engineers at farnell.com
### Sealed Power Plugs and Jacks

**Power Jack**
- **IP68 / NEMA 250 (6P)** for properly mated sealed jack and plug
- **Available in multiple pin diameters**
- **Automatic switch over from AC to DC permitted by sleeve shunt spring**
- **IP rated JCAP protects jack when not in use**
- **Current rating 5 A**
- **Voltage rating 30 VDC**
- **Used in outdoor power supplies, medical equipments and lighting connections in harsh environment**

<table>
<thead>
<tr>
<th>Mfrs. List No.</th>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1+</td>
<td>10+</td>
</tr>
</tbody>
</table>

**Power Plug**
- **Jack, R/A**

<table>
<thead>
<tr>
<th>Mfrs. List No.</th>
<th>Order Code</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1+</td>
<td>10+</td>
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</tbody>
</table>

**DIN ISO 4165 Plug - Universal**

- **For 6 to 24V dc car, boat and caravan electrical systems**
- **High quality DIN ISO 4165 certified universal plug**
- **Bayonet catch ensures firm positioning**
- **Unfused and fused versions available**
- **Suitable for cigarette lighter and standard DIN ISO 4165 socket outlets TUV approved**

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**Universal Plug to Bared Ends**

- **DIN ISO 4165**
- **Pre-wired universal plug and lead**
- **Flat cable version has 8A fuse fitted**

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### Chassis Mounted Sockets

**DC Sockets to EIAJ standard**
- **90° mounting**
- **Maximum current rating, 2A**

<table>
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<tr>
<th>Type</th>
<th>DC Voltage</th>
<th>Dimensions, Shaft</th>
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<tr>
<td>J8J5</td>
<td>18V - 18V</td>
<td>1.45mm</td>
<td>121-6987</td>
</tr>
<tr>
<td></td>
<td>12V</td>
<td>central, 5.7 x 2.0mm</td>
<td>124-3246</td>
</tr>
<tr>
<td></td>
<td>12V</td>
<td>central, 5.7 x 2.35mm</td>
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<tr>
<td></td>
<td>12V</td>
<td>central, 5.7 x 2.0mm</td>
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**Order Code**

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<td>121-6987</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1614 09</td>
<td>124-3246</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1614 10</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>1614 14</td>
<td>124-3248</td>
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</tr>
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**Price Each**

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### Plugs

#### NES Series

<table>
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<tr>
<td>NESU 135</td>
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<tr>
<td>NESU 210</td>
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<tr>
<td>NESU 25</td>
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### Connectors

- **New**
- **Switchcraft**
- **16**
- **Connectors - Power & Mains**
TE’s CeeLok FAS-T connector is the most rugged, small form factor, 10 Gigabit Ethernet, field terminable I/O connector in the Aerospace, Defense and Marine marketplace. It has been designed to perform in some of the most extreme environments in the industry, while providing substantial size and weight savings via its small shell size 8 form factor.

TE also offers associated products such as Band Straps, Termination Devices, Molded Boots, Wire and Cable and complete harnessing capabilities that complement this exciting new connector.