



**THE DATASHEET OF  
PF0030/PC**



A full range of **quality** mains rated **inlets, outlets** and **connectors** conforming to **IEC** and EN 60320 specifications carrying **UL** as well as **cUL, VDE** and other approvals.

With electrical ratings up to 20A, 250V (UL) these connector ranges offer solutions to most mains powered equipment and cable applications.

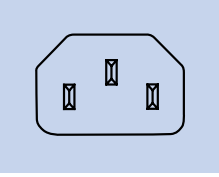
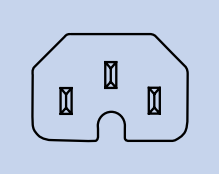
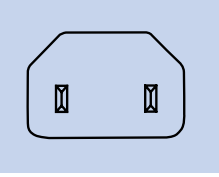
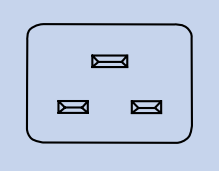
The combinations of mounting styles and terminations include: flange fixing, snap to panel and PCB mounting versions together with 2.8/ solder tabs, 4.8 and 6.3 fast on tabs, screw terminal and PC spill versions.

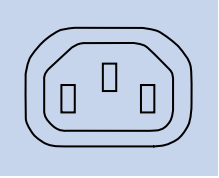
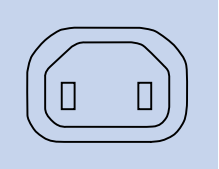
Completing the range are insulating boots, retaining and safety covers

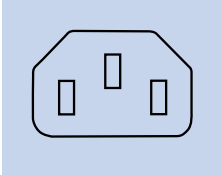
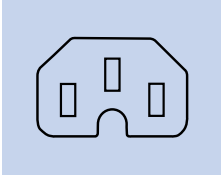
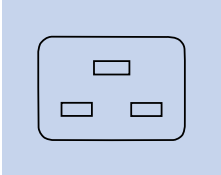
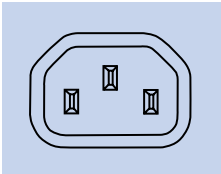
In addition to the standard black moulding, most styles are also available in either white or grey and special colours to match OEM equipment can also be supplied. (Subject to product approval requirements)



|                                  |     |
|----------------------------------|-----|
| IEC60320 Main Inlets and Outlets | 429 |
| IEC Distribution Units           | 451 |
| Power Entry Modules              | 456 |
| Mains Filters                    | 478 |

| IEC 60320-1  | Sheet No: | No Plugs | Current Rating | Flange Fixing  | Snap fit            | Fused Flange   | Fused Snap fit      | Filtered     | Fuse Filtered                |
|--|-----------|----------|----------------|--|---------------------|--|---------------------|--------------|------------------------------|
|   | C14       | 3        | 10A, 250V AC   | PX0579<br>PX0580<br>PX0580/PC<br>PX0580/PC/12132<br>PX0580/PC/7<br>PX0580/PC/7LC | PX0575<br>PX0575/PC | PF0001<br>PF0001/PC<br>PF0002<br>PF0030<br>PF0030/PC | PF0011<br>PF0011/PC | PS00<br>PS01 | PS20<br>PS21<br>PS25<br>PS26 |
|   | C16       | 3        | 10A, 250V AC   | PX0590   | PX0595              |  |                     |              |                              |
|   | C18       | 2        | 10A, 250V AC   | PX0690   | PX0691<br>PX0691/PC | PF0006<br>PF0007                                     | PF0016              |              |                              |
|  | C20       | 3        | 3 16A, 250V AC | PX0596   | PX0598              |  |                     |              |                              |

| IEC 60320-2-2   | Sheet No: | No Plugs | Current Rating | Flange Fixing   | Snap fit   | Fused Flange | Fused Snap fit | Filtered | Fuse Filtered |
|---|-----------|----------|----------------|---|--|--------------|----------------|----------|---------------|
|  | F         | 3        | 10A, 250V AC   | PX0675<br>PX0675/PC<br>PX0675/PC/12599<br>PX0793 (Shuttered)<br>PX0793/1(Shuttered) | PX0695<br>PX0695/PC<br>PX0783<br>(Shuttered)<br>PX0716 |              |                |          |               |
|  | H         | 2        | 10A, 250V AC   | PX0705  | PX0725   |              |                |          |               |

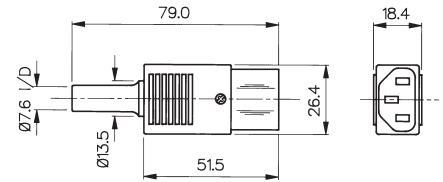
| IEC 60320-1   | Sheet No: | No Plugs | Current Rating | Rewirable        | Side Entry Rewirable |
|---|-----------|----------|----------------|------------------|----------------------|
|    | C13       | 3        | 10A, 250V AC   | PX0587<br>PX0588 | PX0587/SE            |
|    | C15       | 3        | 10A, 250V AC   | PX0597           |                      |
|    | C19       | 3        | 16A, 250V AC   | PX0599           |                      |
| IEC 60320-2-2   | Sheet No: | No Plugs | Current Rating | Rewirable        | Side Entry Rewirable |
|  | E         | 3        | 10A, 250V AC   | PX0686           | PX0685<br>PX0686/SE  |

Straight Female Connector



PX0587

- Cable Mounting
- Rewirable
- Screw Terminals
- 10A, 250V AC

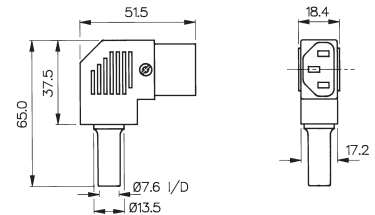


Side Entry Female Connector



PX0587/SE

- Cable Mounting
- Rewirable
- Screw Terminals
- 10A, 250V AC

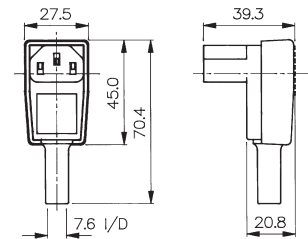


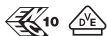


Right Angle Female Connector



PX0588

- Cable Mounting
- Rewirable
- Screw Terminals
- 10A, 250V AC



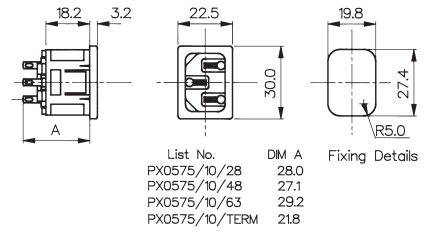
| Specifications         | PX0587/Col  | PX0587/SE/Col   | PX0588  |
|------------------------|---|---|---|
| Terminations:          | Screw Terminals   | Screw Terminals   | Screw Terminals   |
| Colours:               | No suffix (Black), /WH (White), /GY (Grey)  | No suffix (Black), /WH (White), /GY (Grey)  | -   |
| Max. Rating:           | 10A, 250V AC  | 10A, 250V AC  | 10A, 250V AC  |
| Contact Resistance:    | <10mΩ   | <10mΩ   | <10mΩ   |
| Insulation Resistance: | >10 <sup>9</sup> MΩ   | >10 <sup>9</sup> MΩ   | >10 <sup>9</sup> MΩ   |
| A.C. Breakdown:        | Contact-Contact 4.5kV.<br>(Contacts-Accessible) Parts 4kV                           | Contact-Contact 4.5kV.<br>(Contacts-Accessible) Parts 4kV                           | Contact-Contact 5kV.<br>(Contacts-Accessible) Parts 3.5kV                             |
| Operating Temp.        | -40°C to +70°C  | -40°C to +70°C  | -40°C to +70°C  |
| Withdrawal Force:      | 10N (Min.) 50N (Max.)   | 10N (Min.) 50N (Max.)   | 10N (Min.) 50N (Max.)   |
| Mouldings:             | Nylon, Flammability Rating UL94V-0  | Nylon, Flammability Rating UL94V-0  | Nylon, Flammability Rating UL94V-0  |
| Contacts               | Brass, Clean  | Brass, Clean  | Brass, Clean  |
| Approvals:             |  |  |  |
| Accessories / Notes:   | VDE and ENEC approval for black and white versions only.                            | VDE and ENEC approval for black and white versions only.                            |   |
| Mating Inlets:         | PX0575, PX0579, PX0580, PF0001, PF0011, PF0030, PF0033                              | PX0575, PX0579, PX0580, PF0001, PF0011, PF0030, PF0033                              | PX0575, PX0579, PX0580, PF0001, PF0011, PF0030, PF0033                                |
| <b>RoHS</b>            | Compliant   | Compliant   | Compliant   |

Snap Fit to Panel Inlet



PX0575/10/28

- Fits Panel Thickness 1, 1.5, 2.0 or 3.0mm
- 2.8, 4.8, 6.3mm Tabs or Screw Terminals
- 10A, 250V AC (15A, 250V AC UL & CSA)

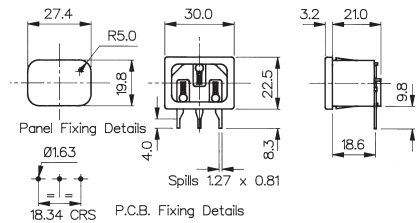


PC Snap Fit to Panel Inlet



PX0575/10/PC

- Fits Panel Thickness 1, 1.5, 2.0 or 3.0mm
- PC Spills
- 10A, 250V AC (15A, 250V AC UL & CSA)



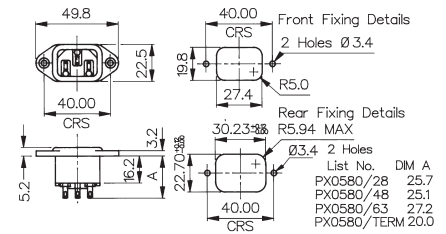
| Specifications           | PX0575/Fixing/Termination/Colour   | PX0575/Fixing/PC/Colour  |
|--------------------------|--|--|
| FIXING(Panel Thickness): | Snap fit, /10 (1mm), /15 (1.5mm), /20 (2mm), /30 (3mm)                       | Snap fit, /10 (1mm), /15 (1.5mm), /20 (2mm), /30 (3mm)   |
| TERMINATIONS:            | /28 (2.8mm solder), /48 (4.8mm tab)  | P.C. Spills  |
| COLOURS:                 | No suffix (Black), /WH (White), /GY (Grey)                                   | No suffix (Black), /WH (White), /GY (Grey)   |
| Max. Rating:             | 10A, 250V AC (UL & CSA 15A, 250V AC)   | 10A, 250V AC (UL & CSA 15A, 250V AC)   |
| Contact Resistance:      | <10m $\Omega$  | <10m $\Omega$  |
| Insulation Resistance:   | >10 <sup>9</sup> M $\Omega$  | >10 <sup>9</sup> M $\Omega$  |
| A.C. Breakdown:          | Contact-Contact 5kV. Contacts-Panel 5.4kV                                    | Contact-Contact 5kV. Contacts-Panel 5.4kV  |
| Operating Temp. Range:   | -40°C to +70°C   | -40°C to +70°C   |
| Max. Plug Temp.:         | +70°C  | +70°C  |
| Mouldings:               | Nylon, Flammability Rating UL94V-0   | Nylon, Flammability Rating UL94V-0   |
| Contacts:                | Brass: Plugs, Nickel Plated. Tabs, Tin Plated, Screw Terms, Nickel Plated    | Brass: Plugs, Nickel Plated. Spills, Tin Plated  |
| Approvals:               |  |  |
| Accessories / Notes:     | P.No. 11328 (See Page 450)<br>VDE and ENEC approval for black versions only. | Standard without cover.<br>With cover add /C to P.No.<br>PX0587, PX0587/SE, PX0588<br>VDE and ENEC approval for black versions only. |
| Mating Connectors:       | PX0587, PX0587/SE, PX0588  | PX0587, PX0587/SE, PX0588  |
| <b>RoHS</b>              | Compliant  | Compliant  |

Flange Mount Inlet



PX0580/28

- 2.8, 4.8, 6.3mm Tabs or Screw Terminals
- 10A, 250V AC (15A, 250V AC UL & CSA)

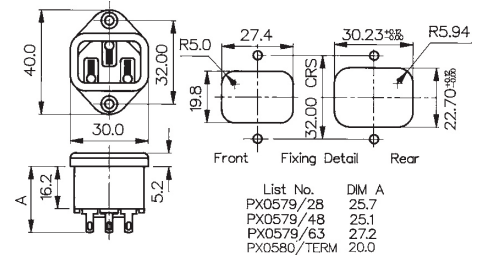


Vertical Flange Mount Inlet



PX0579/28

- 2.8, 4.8, 6.3mm Tabs or Screw Terminals
- 10A, 250V AC (15A, 250V AC UL & CSA)



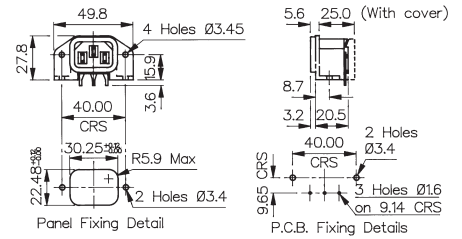
| Specifications         | PX0580/Termination/Colour  | PX0579/Termination/Colour                              |
|------------------------|--|--|
| FIXING:                | Flange   | Flange   |
| TERMINATIONS:          | /28 (2.8mm solder), /48 (4.8mm tab)<br>/63 (6.3mm tab), /TERM (screw)  | /28 (2.8mm solder), /48 (4.8mm tab)<br>/63 (6.3mm tab) |
| COLOURS:               | No suffix (Black), /WH (White), /GY (Grey)   | No suffix (Black), /WH (White), /GY (Grey)             |
| Max. Rating:           | 10A, 250V AC<br>(UL & CSA 15A, 250V AC)  | 10A, 250V AC<br>(UL & CSA 15A, 250V AC)                |
| Contact Resistance:    | <10mΩ  | <10mΩ  |
| Insulation Resistance: | >10 <sup>3</sup> MΩ  | >10 <sup>3</sup> MΩ                                    |
| A.C. Breakdown:        | Contact-Contact 5kV. Contacts-Panel 10kV   | Contact-Contact 5kV. Contacts-Panel 10kV               |
| Operating Temp.:       | -40°C to +70°C   | -40°C to +70°C   |
| Max. Plug Temp.:       | +70°C  | +70°C  |
| Mouldings:             | Nylon, Flammability Rating UL94V-0   | Nylon, Flammability Rating UL94V-0                     |
| Contacts:              | Brass: Plugs, Nickel Plated. Tabs, Tin Plated, Screw Terms, Nickel Plated                                      | Brass: Plugs, Nickel Plated. Tabs, Tin Plated          |
| Approvals:             |  |  |
| Accessories / Notes:   | P.No. 11328, KT0006 (PX0587 only)<br>(See Pages 448 and 450)<br>VDE and ENEC approval for black versions only. | P.No. 11328 (See Page 450)                             |
| Mating Connectors:     | PX0587, PX0587/SE, PX0588  | PX0587, PX0587/SE, PX0588                              |
| <b>RoHS</b>            | Compliant  | Compliant  |

PC Flange Rear Mount Inlet



PX0580/PC

- Supplied Rear Cover
- PC Spills
- 10A, 250V AC  
(15A, 250V AC UL & CSA)

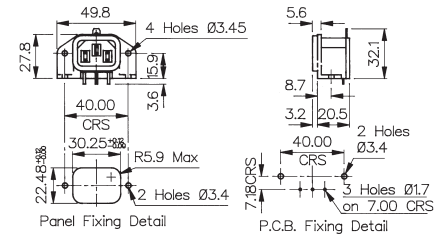


PC Flange Rear Mount Inlet



PX0580/PC/7

- Supplied Rear Cover
- PC Spills
- 4.8mm Top Tab (earth)
- 10A, 250V AC  
(15A, 250V AC UL & CSA)



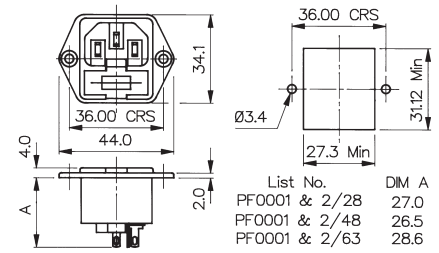
| Specifications         | PX0580/PC/Colour   | PX0580/PC/7/Colour  |
|------------------------|--|---|
| FIXING:                | P.C.B./Flange  | P.C.B./Flange   |
| TERMINATIONS:          | P.C. Spills  | P.C. Spills   |
| COLOURS:               | No suffix (Black), /WH (White), /GY (Grey)   | No suffix (Black), /WH (White), /GY (Grey)  |
| Max. Rating:           | 10A, 250V AC<br>(UL & CSA 15A, 250V AC)  | 10A, 250V AC<br>(UL & CSA 15A, 250V AC)   |
| Contact Resistance:    | <10mΩ  | <10mΩ   |
| Insulation Resistance: | >10 <sup>3</sup> MΩ  | >10 <sup>3</sup> MΩ   |
| A.C. Breakdown:        | Contact-Contact 5.4kV. Contacts-Panel 10kV   | Contact-Contact 5.4kV. Contacts-Panel 10kV  |
| Operating Temp. Range: | -40°C to +70°C   | -40°C to +70°C  |
| Max. Plug Temp :       | +70°C  | +70°C   |
| Mouldings:             | Nylon, Flammability Rating UL94V-0   | Nylon, Flammability Rating UL94V-0  |
| Contacts:              | Brass: Plugs, Nickel Plated.<br>Spills, Tin Plated   | Brass: Plugs, Nickel Plated.<br>Spills, Tin Plated  |
| Approvals:             |  |   |
| Accessories / Notes:   | Standard without cover.<br>With cover add /12132 to P.No<br>VDE approvals for black version only | Standard without cover.<br>With cover add /12132 to P.No.<br>VDE approvals for black version only |
| Mating Connectors:     | PX0587, PX0587/SE, PX0588  | PX0587, PX0587/SE, PX0588   |
| <b>RoHS</b>            | Compliant  | Compliant   |

Flanged Mount Fused Inlet



PF0001/48 (P.F.1/187) PF0002/28

- Single Fuse 5 x 20mm
- Spare Fuse Facility
- 2.8, 4.8 or 6.3mm Tabs
- 10A, 250V AC
- Fuse Contacts Isolated (PF0002)

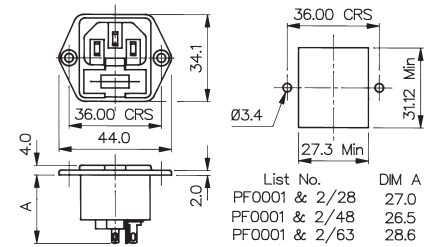


PC Flanged Mount Fused Inlet



PF0001/PC

- Single Fuse 5 x 20mm
- Spare Fuse Facility
- PC Spills - Horizontal
- 10A, 250V AC



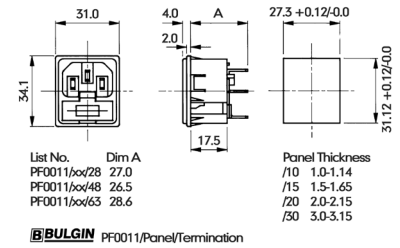
| Specifications         | PF0001/Termination/Colour  | PF0001/PC/Colour  | PF0002/Termination/Colour  |
|------------------------|--|---|--|
| FIXING(Panel):         | Flange   | P.C.B./Flange   | Flange   |
| TERMINATIONS:          | /28 (2.8mm solder), /48 (4.8mm tab)<br>/63 (6.3mm tab)   | P.C. Spills   | /28 (2.8mm solder), /48 (4.8mm tab)<br>/63 (6.3mm tab)   |
| COLOURS:               | No suffix (Black), /WH (White),<br>/GY (Grey)  | No suffix (Black), /WH (White),<br>/GY (Grey)   | No suffix (Black), /WH (White),<br>/GY (Grey)  |
| Max. Rating:           | 10A, 250V AC   | 10A, 250V AC  | 10A, 250V AC   |
| Max. Fuse Rating:      | 2.5W/10A, 250V AC  | 2.5W/10A, 250V AC   | 2.5W/10A, 250V AC  |
| Contact Resistance:    | <10mΩ (<15mΩ including Fuseholder)   | <10mΩ (<15mΩ including Fuseholder)  | <10mΩ  |
| Insulation Resistance: | >10 <sup>9</sup> MΩ  | >10 <sup>9</sup> MΩ   | >10 <sup>9</sup> MΩ  |
| AC Breakdown:          | Contact-Contact 5.5kV. Contacts-Panel 4kV  | Contact-Contact 5.5kV. Contacts-Panel 4kV   | Contact-Contact 5.5kV. Contacts-Panel 4kV  |
| Operating Temp.        | -40°C to +70°C   | -40°C to +70°C  | -40°C to +70°C   |
| Max. Plug Temp.:       | +70°C  | +70°C   | +70°C  |
| Mouldings:             | Nylon, Flammability Rating UL94V-0   | Nylon, Flammability Rating UL94V-0  | Nylon, Flammability Rating UL94V-0   |
| Contacts:              | Brass: Plugs, Nickel Plated. Tabs, Tin Plated  | Brass: Plugs, Nickel Plated. Tabs, Tin Plated   | Brass: Plugs, Nickel Plated. Tabs, Tin Plated  |
| Approvals:             |  |   |  |
| Accessories / Notes:   | P.No. 11987, KT0009<br>(See Pages 448 and 450)<br>VDE and ENEC approval for black versions only. | KT0009 (front of panel mounting only)<br>(See Page 448)<br>VDE and ENEC approval for black versions only. | P.No. 11987, KT0009 (See Pages 448 and 450)<br>(Note: Fuse contact isolated)<br>VDE and ENEC approval for black versions only. |
| Mating Connectors:     | PX0587, PX0587/SE, PX0588  | PX0587, PX0587/SE, PX0588   | PX0587, PX0587/SE, PX0588  |
| RoHS                   | Compliant  | Compliant   | Compliant  |

Snap Fit to Panel Fused Inlet



PF0011/10/28

- Single Fuse 5 x 20mm
- Spare Fuse Facility
- Panel Thickness 1, 1.5, 2.0 or 3.0mm
- 2.8, 4.8 or 6.3mm Tabs
- 10A, 250V AC

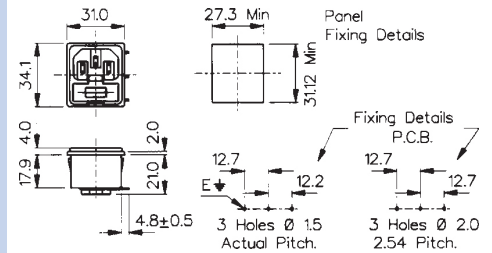


PC Snap Fit to Panel Fused Inlet



PF0011/10/PC

- Single Fuse 5 x 20mm
- Spare Fuse Facility
- Panel Thickness 1, 1.5, 2.0 or 3.0mm
- PC Spills
- 10A, 250V AC



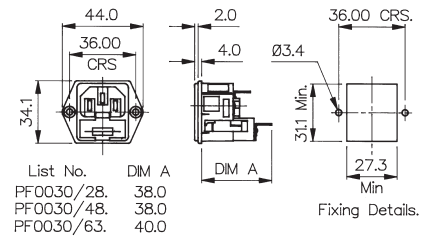
| Specifications         | PF0011/Fixing/Termination/Colour   | PF0011/Fixing/PC/Colour                                |
|------------------------|--|--|
| FIXINGS:               | Snap fit, /10 (1mm), /15 (1.5mm), /20 (2mm), /30 (3mm)                       | Snap fit, /10 (1mm), /15 (1.5mm), /20 (2mm), /30 (3mm) |
| TERMINATIONS:          | /28 (2.8mm solder), /48 (4.8mm tab) /63 (6.3mm tab)                          | P.C. Spills  |
| COLOURS:               | No suffix (Black), /WH (White), /GY (Grey)                                   | No suffix (Black), /WH (White), /GY (Grey)             |
| Max. Rating:           | 10A, 250V AC   | 10A, 250V AC   |
| Max. Fuse Rating       | 2.5W/10A, 250V AC  | 2.5W/10A, 250V AC                                      |
| Contact Resistance:    | <10mΩ (<15mΩ including Fuseholder)   | <10mΩ (<15mΩ including Fuseholder)                     |
| Insulation Resistance: | >10 <sup>9</sup> MΩ  | >10 <sup>9</sup> MΩ                                    |
| AC Breakdown:          | Contact-Contact 5.5kV. Contacts-Panel 4kV                                    | Contact-Contact 5.5kV. Contacts-Panel 4kV              |
| Operating Temp.        | -40°C to +70°C   | -40°C to +70°C   |
| Max. Plug Temp.:       | +70°C  | +70°C  |
| Mouldings:             | Nylon, Flammability Rating UL94V-0   | Nylon, Flammability Rating UL94V-0                     |
| Contacts:              | Brass: Plugs, Nickel Plated. Tabs, Tin Plated                                | Brass: Plugs, Nickel Plated. Spills, Tin Plated        |
| Approvals:             |  |  |
| Accessories / Notes:   | P.No. 11987 (See Page 450)<br>VDE and ENEC approval for black versions only. | VDE and ENEC approval for black versions only.         |
| Mating Connectors:     | PX0587, PX0587/SE, PX0588  | PX0587, PX0587/SE, PX0588                              |
| <b>RoHS</b>            | Compliant  | Compliant  |

Flanged Mount Fused Inlet



PF0030/28

- Twin Fused 5 x 20mm
- 2.8, 4.8 or 6.3mm Tabs
- 10A, 250V a.c.

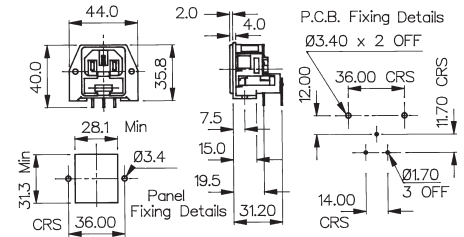


PC Flanged Mount Fused Inlet



PF0030/PC

- Twin Fused 5 x 20mm
- PC Spills
- 10A, 250V a.c.

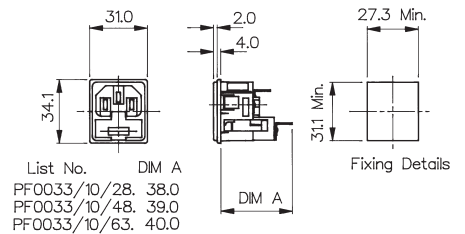


Snap Fit to Panel Fused Inlet



PF0033/10/28

- Twin Fused 5 x 20mm
- Fits Panel Thickness 1.0, 1.5, 2.0 or 3.0mm
- 2.8, 4.8 or 6.3mm Tabs
- 10A, 250V AC



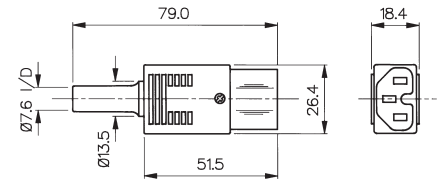
| Specifications             | PF0030/Termination                                     | PF0030/PC                                     | PF0033/Fixing/Termination                              |
|----------------------------|--|---|--|
| FIXINGS(Panel):            | Flange   | P.C.B/Flange                                  | Snap fit, /10 (1mm), /15 (1.5mm), /20 (2mm), /30 (3mm) |
| TERMINATIONS:              | /28 (2.8mm solder), /48 (4.8mm tab)<br>/63 (6.3mm tab) | P.C. Spills                                   | /28 (2.8mm solder), /48 (4.8mm tab)<br>/63 (6.3mm tab) |
| Max. Rating:               | 10A, 250V AC   | 10A, 250V AC                                  | 10A, 250V AC   |
| Contact Resistance:        | <15mΩ (per Contact)                                    | <15mΩ (per Contact)                           | <15mΩ (per Contact)                                    |
| Insulation Resistance:     | >10 <sup>4</sup> MΩ                                    | >10 <sup>4</sup> MΩ                           | >10 <sup>4</sup> MΩ                                    |
| AC Breakdown:              | Contact-Contact 6kV. Contacts-Panel 5kV                | Contact-Contact 6kV. Contacts-Panel 5kV       | Contact-Contact 6kV. Contacts-Panel 5kV                |
| Max. Dissipation Per Fuse: | 2.5W   | 2.5W  | 2.5W   |
| Operating Temp.            | -20°C to +70°C   | -20°C to +70°C                                | -20°C to +70°C   |
| Max. Plug Temp.:           | +70°C  | +70°C   | +70°C  |
| Mouldings:                 | Nylon, Flammability Rating UL94V-0                     | Nylon, Flammability Rating UL94V-0            | Nylon, Flammability Rating UL94V-0                     |
| Contacts:                  | Brass: Plugs, Nickel Plated. Tabs, Tin Plated          | Brass: Plugs, Nickel Plated. Tabs, Tin Plated | Brass: Plugs, Nickel Plated. Tabs, Tin Plated          |
| Accessories / Notes:       | KT0009 (See Page 448)                                  |   |  |
| Mating Connectors:         | PX0587, PX0587/SE, PX0588                              | PX0587, PX0587/SE, PX0588                     | PX0587, PX0587/SE, PX0588                              |
| <b>RoHS</b>                | Compliant  | Compliant                                     | Compliant  |

## Straight Female Connector



PX0597

- Cable Mounting
- Hot Condition
- Mates with PX0590 and PX0595
- Screw Terminals
- 10A, 250V AC

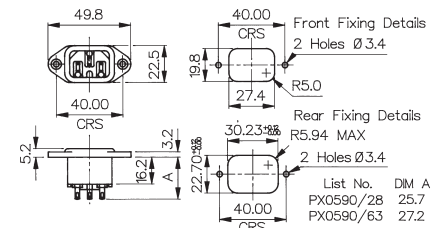


## Flange Mount Inlet



PX0590/28

- Hot Condition
- 2.8 or 6.3mm Tabs
- 10A, 250V AC (15A, 250V AC UL & CSA)

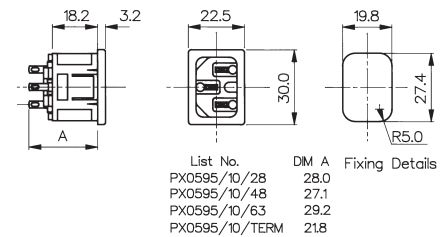


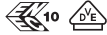


## Snap Fit to Panel Inlet



PX0595/10/28

- Hot Condition
- Panel Thickness 1, 1.5, 2.0 or 3.0mm
- 2.8, 4.8, 6.3mm Tabs or Screw Terminals
- 10A, 250V AC (15A, 250V AC UL & CSA)



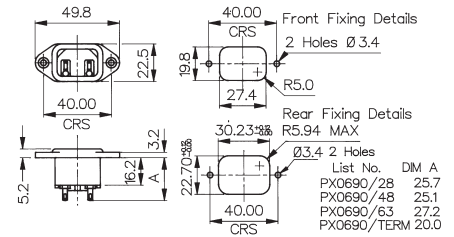
| Specifications  | PX0597/Colour   | PX0590/Termination/Colour   | PX0595/Fixing/Termination/Colour   |
|---|---|---|--|
| FIXINGS(Panel):   |   | Flange  | Snap fit, /10 (1mm), /15 (1.5mm), /20 (2mm), /30 (3mm)   |
| TERMINATIONS:   | Screw Terminals   | /28 (2.8mm solder), /63 (6.3mm tab)   | /28 (2.8mm solder), /48 (4.8mm tab), /63 (6.3mm tab), /TERM (screw)  |
| COLOURS:  | No suffix (Black), /WH (White), /GY (Grey)  | No suffix (Black), /WH (White), /GY (Grey)  | No suffix (Black), /WH (White), /GY (Grey)   |
| Max. Rating:  | 10A, 250V AC  | 10A, 250V AC (UL & CSA 15A, 250V AC)  | 10A, 250V AC (UL & CSA 15A, 250V AC)   |
| Contact Resistance:                                     | <10mΩ   | <10mΩ   | <10mΩ  |
| Insulation Resistance:                                  | >10 <sup>3</sup> MΩ   | >10 <sup>3</sup> MΩ   | >10 <sup>3</sup> MΩ  |
| AC Breakdown:   | Contact-Contact 4.5kV.<br>Contacts-Accessible Parts 4kV                             | Contact-Contact 5kV. Contacts-Panel 10kV  | Contact-Contact 5kV. Contacts-Panel 5.4kV  |
| Operating Temp.<br>Max. Plug Temp:<br>Withdrawal Force: | -40°C to +70°C<br>10N (Min.) 50N (Max.)   | -40°C to +70°C<br>+120°C  | -40°C to +70°C<br>+120°C   |
| Mouldings:<br>Contacts:                                 | Nylon, Flammability Rating UL94V-0<br>Brass, Clean                                  | Nylon, Flammability Rating UL94V-0<br>Brass, Plugs Nickel Plated. Tabs, Tin Plated            | Nylon, Flammability Rating UL94V-0<br>Brass, Plugs Nickel Plated. Tabs, Tin Plated                           |
| Approvals:  |  |            |                         |
| Accessories / Notes:                                    | VDE and ENEC approval for black and white versions only.                            | P.No. 11328, KT0006 (See Pages 448 and 450)<br>VDE and ENEC approval for black versions only. | ENEC10/VDE currently pending<br>P.No. 11328 (See Page 450)<br>VDE and ENEC approval for black versions only. |
| Mating Connectors:                                      | PX0590, PX0595  | PX0597  | PX0597   |
| <b>RoHS</b>   | Compliant   | Compliant   | Compliant  |

Flanged Mount Inlet



PX0690/28

- Two Plug Class II (No Earth Plug)
- 2.8, 4.8, 6.3mm Tabs or Screw Terminals
- 10A, 250V AC (15A, 250V AC UL & CSA)

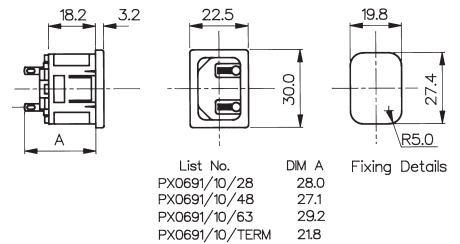


Snap Fit to Panel Inlet



PX0691/10/28

- Two Plug Class II (No Earth Plug)
- Panel Thickness 1, 1.5, 2.0 or 3.0mm
- 2.8, 4.8, 6.3mm Tabs or Screw Terminals
- 10A, 250V AC (15A, 250V AC UL & CSA)

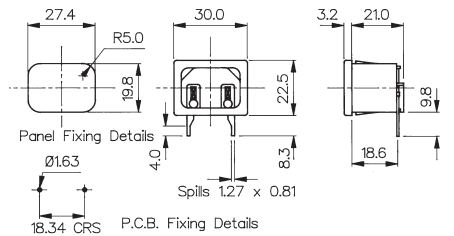


PC Snap Fit to Panel Inlet



PX0691/10/PC

- Two Plug Class II (No Earth Plug)
- Panel Thickness 1, 1.5, 2.0 or 3.0mm
- PC Spills
- 10A, 250V AC (15A, 250V AC UL & CSA)



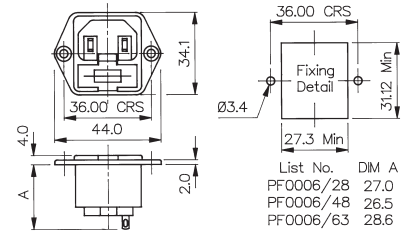
| Specifications         | PX0690/Termination/Colour  | PX0691/Fixing/Termination/Colour   | PX0691/Fixing/PC/Colour   |
|------------------------|--|--|---|
| FIXINGS(Panel):        | Flange   | Snap fit, /10 (1mm), /15 (1.5mm), /20 (2mm), /30 (3mm)                       | Snap fit, /10 (1mm), /15 (1.5mm), /20 (2mm), /30 (3mm)  |
| TERMINATIONS:          | /28 (2.8mm solder), /48 (4.8mm tab) /63 (6.3mm tab), /TERM (screw)           | /28 (2.8mm solder), /48 (4.8mm tab) /63 (6.3mm tab), /TERM (screw)           | P.C. Spills   |
| COLOURS:               | No suffix (Black), /WH (White), /GY (Grey)                                   | No suffix (Black), /WH (White), /GY (Grey)                                   | No suffix (Black), /WH (White), /GY (Grey)  |
| Max. Rating:           | 10A, 250V AC (UL & CSA 15A, 250V AC)   | 10A, 250V AC (UL & CSA 15A, 250V AC)   | 10A, 250V AC (UL & CSA 15A, 250V AC)  |
| Contact Resistance:    | <10mΩ  | <10mΩ  | <10mΩ   |
| Insulation Resistance: | >10 <sup>3</sup> MΩ  | >10 <sup>3</sup> MΩ  | >10 <sup>3</sup> MΩ   |
| AC Breakdown:          | Contact-Contact 5kV. Contacts-Panel 10kV                                     | Contact-Contact 5kV. Contacts-Panel 5.4kV                                    | Contact-Contact 5kV. Contacts-Panel 5.4kV   |
| Operating Temp.        | -40°C to +70°C   | -40°C to +70°C   | -40°C to +70°C  |
| Max. Plug Temp.:       | +70°C  | +70°C  | +70°C   |
| Mouldings:             | Nylon, Flammability Rating UL94V-0   | Nylon, Flammability Rating UL94V-0   | Nylon, Flammability Rating UL94V-0  |
| Contacts:              | Brass: Plugs, Nickel Plated. Tabs, Tin Plated, Screw Terms, Nickel Plated    | Brass: Plugs, Nickel Plated. Tabs, Tin Plated, Screw Terms, Nickel Plated    | Brass: Plugs, Nickel Plated. Spills, Tin Plated   |
| Approvals:             |  |  |   |
| Accessories / Notes:   | P.No. 11328 (See Page 450)<br>VDE and ENEC approval for black versions only. | P.No. 11328 (See Page 450)<br>VDE and ENEC approval for black versions only. | Standard without cover.<br>With cover add /C to P.No.<br>VDE and ENEC approval for black versions only. |
| Mating Connectors:     | PX0587, PX0587/SE, PX0588  | PX0587, PX0587/SE, PX0588  | PX0587, PX0587/SE, PX0588   |
| <b>RoHS</b>            | Compliant  | Compliant  | Compliant   |

Flanged Mount Fused Inlet



PF0006/28

- Single Fuse 5 x 20mm
- Two Plug Class II (No Earth Plug)
- 2.8, 4.8 or 6.3mm Tabs
- 10A, 250V AC

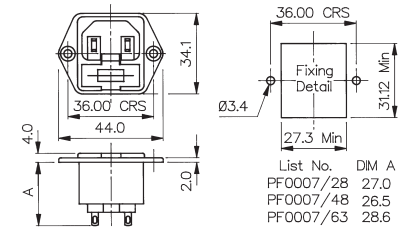


Flanged Mount Fused Inlet



PF0007/28

- Single Fuse 5 x 20mm (Fuse Contacts Isolated)
- Two Plug Class II (No Earth Plug)
- 2.8, 4.8 or 6.3mm Tabs
- 10A, 250V AC

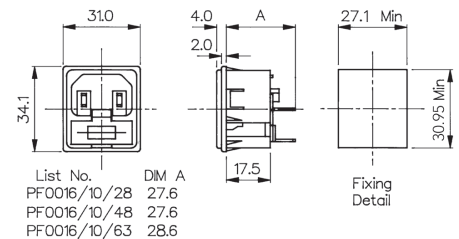


Snap Fit to Panel Fused Inlet


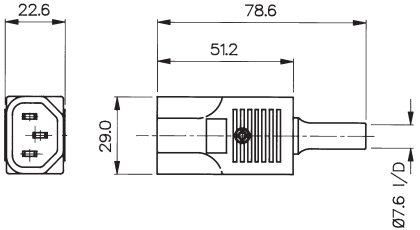

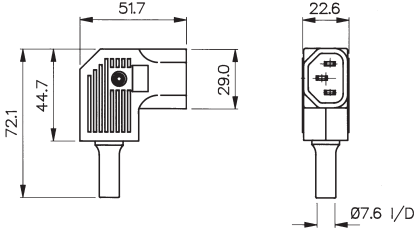

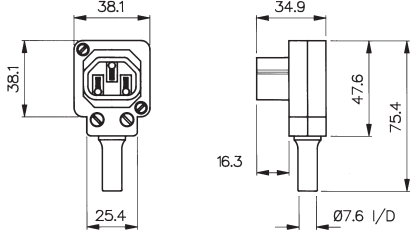




PF0016/10/28

- Single Fuse 5 x 20mm
- Two Plug Class II (No Earth Plug)
- Fits Panel Thickness 1.0, 1.5, 2.0 or 3.0mm
- 2.8, 4.8 or 6.3mm Tabs
- 10A, 250V AC



| Specifications                      | PF0006/Termination/Colour   | PF0007/Termination/Colour  | PF0016/Fixing/Termination/Colour  |
|-------------------------------------|---|--|---|
| FIXING(Panel):                      | Flange  | Flange   | Snap fit, /10 (1mm), /15 (1.5mm), /20 (2mm), /30 (3mm)                              |
| TERMINATIONS:                       | /28 (2.8mm solder), /48 (4.8mm tab)<br>/63 (6.3mm tab)                              | /28 (2.8mm solder), /48 (4.8mm tab)<br>/63 (6.3mm tab)   | /28 (2.8mm solder), /48 (4.8mm tab)<br>/63 (6.3mm tab)                              |
| COLOURS:                            | No suffix (Black), /WH (White), /GY (Grey)  | No suffix (Black), /WH (White), /GY (Grey)   | No suffix (Black), /WH (White), /GY (Grey)  |
| Max. Rating:                        | 10A, 250V AC  | 10A, 250V AC   | 10A, 250V AC.   |
| Contact Resistance:                 | <10mΩ (<15mΩ including Fuseholder)  | <10mΩ  | <10mΩ (<15mΩ including Fuseholder)  |
| Insulation Resistance:              | >10 <sup>3</sup> MΩ   | >10 <sup>3</sup> MΩ  | >10 <sup>3</sup> MΩ   |
| AC Breakdown:                       | Contact-Contact 5.5kV.<br>Contacts-Panel 4kV  | Contact-Contact 5.5kV. Contacts-Panel 4kV  | Contact-Contact 5.5kV. Contacts-Panel 4kV   |
| Operating Temp.<br>Max. Plug Temp.: | -40°C to +70°C<br>+70°C   | -40°C to +70°C<br>+70°C  | -40°C to +70°C<br>+70°C   |
| Mouldings:<br>Contacts:             | Nylon, Flammability Rating UL94V-0<br>Brass: Plugs, Nickel Plated. Tabs, Tin Plated | Nylon, Flammability Rating UL94V-0<br>Brass: Plugs, Nickel Plated. Tabs, Tin Plated                            | Nylon, Flammability Rating UL94V-0<br>Brass: Plugs, Nickel Plated. Tabs, Tin Plated |
| Approvals:                          |   |  |   |
| Accessories / Notes:                | P.No. 11987 (See Page 450)<br>VDE and ENEC approval for black versions only.        | P.No. 11987 (See Page 450)<br>(Note: Fuse contacts isolated)<br>VDE and ENEC approval for black versions only. | P.No. 11987 (See Page 450)<br>VDE and ENEC approval for black versions only.        |
| Mating Connectors:                  | PX0587, PX0587/SE, PX0588   | PX0587, PX0587/SE, PX0588  | PX0587, PX0587/SE, PX0588   |
| <b>RoHS</b>                         | Compliant   | Compliant  | Compliant   |

|   |   |  |
|---|---|--|
| <p>Straight Male Connector</p>  <p>PX0686</p>      | <ul style="list-style-type: none"> <li>○ Cable Mounting</li> <li>○ Rewirable</li> <li>○ Screw Terminals</li> <li>○ 10A, 250V AC</li> </ul>                                      |   |
| <p>Side Entry Male Connector</p>  <p>PX0686/SE</p> | <ul style="list-style-type: none"> <li>○ Cable Mounting</li> <li>○ Rewirable</li> <li>○ Screw Terminals</li> <li>○ 10A, 250V AC</li> </ul>                                      |   |
| <p>Right Angle Male Connector</p>  <p>PX0685</p>  | <ul style="list-style-type: none"> <li>○ Cable Mounting</li> <li>○ Four Position Cable Entry</li> <li>○ Rewirable</li> <li>○ Screw Terminals</li> <li>○ 10A, 250V AC</li> </ul> |  |

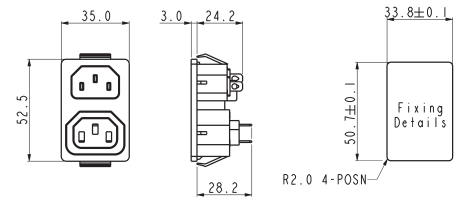
| Specifications         | PX0685/Colour   | PX0686/Colour   | PX0686/SE/Colour  |
|------------------------|---|---|---|
| FIXING(Panel):         | Screw Terminals   | Screw Terminals   | Screw Terminals   |
| Max. Rating:           | 10A, 250V AC  | 10A, 250V AC  | 10A, 250V AC  |
| COLOURS:               | No suffix (Black), /WH (White), /GY (Grey)  | No suffix (Black), /WH (White), /GY (Grey)  | No suffix (Black), /WH (White), /GY (Grey)  |
| Contact Resistance:    | <10mΩ   | <10mΩ   | <10mΩ   |
| Insulation Resistance: | >10 <sup>4</sup> MΩ   | >10 <sup>4</sup> MΩ   | >10 <sup>4</sup> MΩ   |
| AC Breakdown:          | Contact-Contact 5.2kV.<br>Contacts-Accessible Parts 6kV                             | Contact-Contact 5kV.<br>Contacts-Accessible Parts 5kV                               | Contact-Contact 5kV.<br>Contacts-Accessible Parts 5kV                                 |
| Operating Temp.        | -40°C to +70°C  | -40°C to +70°C  | -40°C to +70°C  |
| Withdrawal Force:      | 10N (Min.) 50N (Max.)   | 10N (Min.) 50N (Max.)   | 10N (Min.) 50N (Max.)   |
| Mouldings:             | Nylon, Flammability Rating UL94V-0  | Nylon, Flammability Rating UL94V-0  | Nylon, Flammability Rating UL94V-0  |
| Contacts:              | Brass, Nickel Plated.   | Brass, Nickel Plated.   | Brass, Nickel Plated.   |
| Approvals:             |  |  |  |
| Accessories / Notes:   | Unique octagon module allows choice of 4 cable positions                            | VDE and ENEC approval for black and white versions only.                            | VDE and ENEC approval for black and white versions only.                              |
| Mating Outlets:        | PX0675, PX0695, PX0578, PX0783, PX0793, PX0793/1                                    | PX0675, PX0695, PX0578, PX0783, PX0793, PX0793/1, PX0716                            | PX0675, PX0695, PX0578, PX0783, PX0793, PX0793/1, PX0716                              |
| <b>RoHS</b>            | Compliant   | Compliant   | Compliant   |


Snap Fit to Panel Inlet/ Outlet



PX0716/48

- Inlet/Outlet combination
- Panel Thickness 1.2mm
- 4.8mm tabs
- 10A, 250V AC  
(15A, 250V AC UL & CSA)

**Specifications****PX0716/Termination**

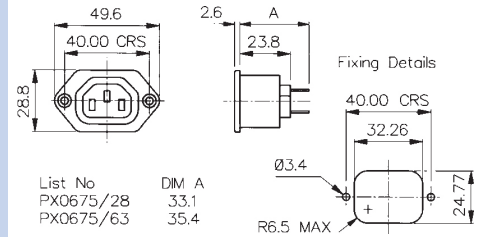
|                        |   |
|------------------------|---|
| FIXINGS:               | Snap fit 1.2mm accommodation  |
| TERMINATIONS:          | /48 (4.8mm tab)   |
| Max. Rating:           | 10A, 250V AC<br>(UL 15A, 125V AC)   |
| Insulation Resistance: | >100MΩ (500V DC., 1 min.)   |
| Dielectric Strength:   | 2kV (50Hz, 1 min.)  |
| Operating Temp.        | -20°C to +70°C  |
| Max. Plug Temp:        | +70°C   |
| Mouldings:             | Nylon 66, Flammability Rating UL94V-0   |
| Contacts:              | Brass, Tin Plated   |
| Approvals:             |  |
| Accessories / Notes:   |   |
| Mating With:           | PX0587, PX0587/SE, PX0588, PX0686,<br>PX0686/SE                                     |
| <b>RoHS</b>            | Compliant   |

Flange Mount Outlet



PX0675/28

- 2.8mm or 6.3mm Tabs
- 10A, 250V AC  
(15A, 250V AC UL & CSA).

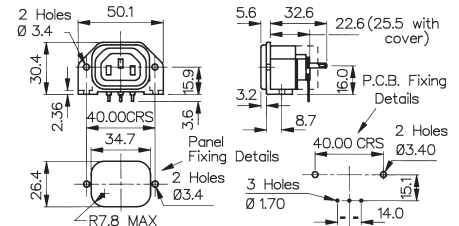


PC Flange Rear Mount Outlet



PX0675/PC

- PC Spills
- 10A, 250V AC  
(15A, 250V AC UL & CSA)



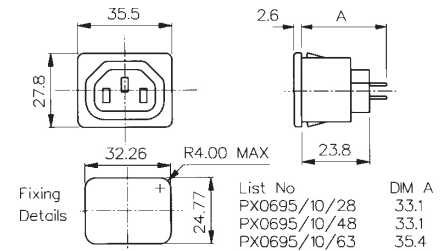
| Specifications         | PX0675/Termination/Colour   | PX0675/PC/Colour  |
|------------------------|---|---|
| FIXINGS:               | Flange  | P.C.B./Flange   |
| TERMINATIONS:          | /28 (2.8mm solder), /48 (4.8mm tab), /63 (6.3mm tab)  | P.C. Spills   |
| COLOURS:               | No suffix (Black), /WH (White), /GY (Grey)  | No suffix (Black), /WH (White), /GY (Grey)  |
| Max. Rating:           | 10A, 250V AC<br>(UL & CSA 15A, 250V AC)   | 10A, 250V AC<br>(UL & CSA 15A, 250V AC)   |
| Contact Resistance:    | <10mΩ   | <10mΩ   |
| Insulation Resistance: | >10 <sup>4</sup> MΩ   | >10 <sup>4</sup> MΩ   |
| AC Breakdown:          | Contact-Contact 7kV. Contacts-Panel 9kV   | Contact-Contact 4kV. Contacts-Panel 9kV   |
| Operating Temp.        | -40°C to +70°C  | -40°C to +70°C  |
| Mouldings:             | Nylon, Flammability Rating UL94V-0  | Nylon, Flammability Rating UL94V-0  |
| Contacts:              | Brass, Tin Plated   | Brass, Tin Plated   |
| Approvals:             | UR approvals does not cover 4.8mm tab option  |   |
| Accessories / Notes:   | P.No. 12075, KT0006, 14228<br>(See Pages 448 & 449)<br>VDE and ENEC approval for black versions only. | Standard without cover.<br>With cover add /12599 to P.No., 14228 (see page 449)<br>VDE and ENEC approval for black versions only. |
| Mates with:            | PX0685, PX0686, PX0686/SE   | PX0685, PX0686, PX0686/SE   |
| <b>RoHS</b>            | Compliant   | Compliant   |

Snap Fit to Panel Outlet



PX0695/10/28

- Panel Sizes 1, 1.5, 2.0 or 3.0mm
- 2.8 or 6.3mm Tabs
- 10A, 250V AC (15A, 250V AC UL & CSA)

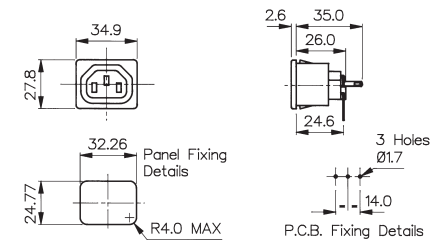


PC Snap Fit to Panel Outlet






PX0695/10/PC

- Panel Thickness 1, 1.5, 2.0 or 3.0mm
- PC Spills
- 10A, 250V AC (15A, 250V AC UL & CSA)



| Specifications         | PX0695/Fixing/Termination/Colour  | PX0695/Fixing/PC/Colour  |
|------------------------|---|--|
| FIXINGS:               | Snap fit, /10 (1mm), /15 (1.5mm), /20 (2mm), /30 (3mm)                                    | Snap fit, /10 (1mm), /15 (1.5mm), /20 (2mm), /30 (3mm)                       |
| TERMINATIONS:          | /28 (2.8mm solder), /63 (6.3mm tab)   | P.C. Spills  |
| COLOURS:               | No suffix (Black), /WH (White), /GY (Grey)  | No suffix (Black), /WH (White), /GY (Grey)                                   |
| Max. Rating:           | 10A, 250V AC (UL & CSA 15A, 250V AC)  | 10A, 250V AC (UL & CSA 15A, 250V AC)   |
| Contact Resistance:    | <10mΩ   | <10mΩ  |
| Insulation Resistance: | >10 <sup>4</sup> MΩ   | >10 <sup>4</sup> MΩ  |
| AC Breakdown:          | Contact-Contact 7kV. Contacts-Panel 9kV   | Contact-Contact 4kV. Contacts-Panel 9kV                                      |
| Operating Temp.        | -40°C to +70°C  | -40°C to +70°C   |
| Mouldings:             | Nylon, Flammability Rating UL94V-0  | Nylon, Flammability Rating UL94V-0   |
| Contacts:              | Brass, Tin Plated   | Brass, Tin Plated  |
| Approvals:             |   |  |
| Accessories / Notes:   | P.No. 12075, 14228 (See Page 449 & 450)<br>VDE and ENEC approval for black versions only. | P.No. 14228 (see page 449)<br>VDE and ENEC approval for black versions only. |
| Mates with:            | PX0685, PX0686, PX0686/SE,  | PX0685, PX0686, PX0686/SE,   |
| <b>RoHS</b>            | Compliant   | Compliant  |

|   |   |   |         |      |              |      |              |      |              |      |              |      |
|---|---|---|---------|------|--------------|------|--------------|------|--------------|------|--------------|------|
| <p>Snap Fit to Panel Outlet</p>  <p>PX0783/10/28</p>             | <ul style="list-style-type: none"> <li>○ Shuttered</li> <li>○ Panel Thickness 1, 1.5, 2.0 or 3.0mm</li> <li>○ 2.8, 4.8 or 6.3mm Tabs</li> <li>○ 10A, 250V AC (15A, 250V AC UL &amp; CSA)</li> </ul> |  <p>Fixing Details</p> <table border="1"> <tr> <td>List No</td> <td>DM A</td> </tr> <tr> <td>PX0783/10/ST</td> <td>28.2</td> </tr> <tr> <td>PX0783/10/28</td> <td>33.1</td> </tr> <tr> <td>PX0783/10/48</td> <td>33.1</td> </tr> <tr> <td>PX0783/10/63</td> <td>35.4</td> </tr> </table> | List No | DM A | PX0783/10/ST | 28.2 | PX0783/10/28 | 33.1 | PX0783/10/48 | 33.1 | PX0783/10/63 | 35.4 |
| List No   | DM A  |   |         |      |              |      |              |      |              |      |              |      |
| PX0783/10/ST  | 28.2  |   |         |      |              |      |              |      |              |      |              |      |
| PX0783/10/28  | 33.1  |   |         |      |              |      |              |      |              |      |              |      |
| PX0783/10/48  | 33.1  |   |         |      |              |      |              |      |              |      |              |      |
| PX0783/10/63  | 35.4  |   |         |      |              |      |              |      |              |      |              |      |
| <p>Flange Mount Outlet</p>  <p>PX0793/28</p>                     | <ul style="list-style-type: none"> <li>○ Shuttered</li> <li>○ 2.8, 4.8 or 6.3mm Tabs</li> <li>○ 10A, 250V AC (15A, 250V AC UL &amp; CSA)</li> </ul>   |  <p>Fixing Details</p> <table border="1"> <tr> <td>List No</td> <td>DM A</td> </tr> <tr> <td>PX0793/ST</td> <td>28.2</td> </tr> <tr> <td>PX0793/28</td> <td>33.1</td> </tr> <tr> <td>PX0793/48</td> <td>33.1</td> </tr> <tr> <td>PX0793/63</td> <td>35.4</td> </tr> </table>             | List No | DM A | PX0793/ST    | 28.2 | PX0793/28    | 33.1 | PX0793/48    | 33.1 | PX0793/63    | 35.4 |
| List No   | DM A  |   |         |      |              |      |              |      |              |      |              |      |
| PX0793/ST   | 28.2  |   |         |      |              |      |              |      |              |      |              |      |
| PX0793/28   | 33.1  |   |         |      |              |      |              |      |              |      |              |      |
| PX0793/48   | 33.1  |   |         |      |              |      |              |      |              |      |              |      |
| PX0793/63   | 35.4  |   |         |      |              |      |              |      |              |      |              |      |
| <p>PC Snap Fit to Panel Outlet</p>  <p>PX0793/1/Termination</p> | <ul style="list-style-type: none"> <li>○ Shuttered</li> <li>○ Rectangular Flange Mount Outlet</li> <li>○ 2.8, 4.8 or 6.3mm Tabs</li> <li>○ 10A, 250V AC (15A, 250V AC UL &amp; CSA)</li> </ul>      |  <p>Fixing Details</p> <table border="1"> <tr> <td>List No</td> <td>DM A</td> </tr> <tr> <td>PX0793/1/ST</td> <td>28.2</td> </tr> <tr> <td>PX0793/1/28</td> <td>33.1</td> </tr> <tr> <td>PX0793/1/48</td> <td>33.1</td> </tr> <tr> <td>PX0793/1/63</td> <td>35.4</td> </tr> </table>    | List No | DM A | PX0793/1/ST  | 28.2 | PX0793/1/28  | 33.1 | PX0793/1/48  | 33.1 | PX0793/1/63  | 35.4 |
| List No   | DM A  |   |         |      |              |      |              |      |              |      |              |      |
| PX0793/1/ST   | 28.2  |   |         |      |              |      |              |      |              |      |              |      |
| PX0793/1/28   | 33.1  |   |         |      |              |      |              |      |              |      |              |      |
| PX0793/1/48   | 33.1  |   |         |      |              |      |              |      |              |      |              |      |
| PX0793/1/63   | 35.4  |   |         |      |              |      |              |      |              |      |              |      |

| Specifications         | PX0783/Fixing/Termination/Colour   | PX0793/Fixing/PC/Colour   | PX0793/1/Termination/Colour   |
|------------------------|--|---|---|
| FIXINGS:               | Snap fit, /10 (1mm), /15 (1.5mm), /20 (2mm), /30 (3mm)                                 | Flange  | Rectangular Flange  |
| TERMINATIONS:          | /28 (2.8mm solder), /48 (4.8mm tab) /63 (6.3mm tab), /ST (solder)                      | /28 (2.8mm solder), /48 (4.8mm tab) /63 (6.3mm tab), /ST (solder)                                   | /28 (2.8mm solder), /48 (4.8mm tab) /63 (6.3mm tab), /ST (solder)                                   |
| COLOURS:               | No suffix (Black), /WH (White), /GY (Grey)   | No suffix (Black), /WH (White), /GY (Grey)  | No suffix (Black), /WH (White), /GY (Grey)  |
| Max. Rating:           | 10A, 250V AC (UL & CSA 15A, 250V AC)   | 10A, 250V AC (UL & CSA 15A, 250V AC)  | 10A, 250V AC (UL & CSA 15A, 250V AC)  |
| Contact Resistance:    | <10mΩ  | <10mΩ   | <10mΩ   |
| Insulation Resistance: | >10 <sup>4</sup> MΩ  | >10 <sup>4</sup> MΩ   | >10 <sup>4</sup> MΩ   |
| AC Breakdown:          | Contact-Contact 7kV. Contacts-Panel 9kV  | Contact-Contact 7kV. Contacts-Panel 9kV   | Contact-Contact 7kV. Contacts-Panel 9kV   |
| Operating Temp.        | -40°C to +70°C   | -40°C to +70°C  | -40°C to +70°C  |
| Mouldings:             | Nylon, Flammability Rating UL 94V-0  | Nylon, Flammability Rating UL 94V-0   | Nylon, Flammability Rating UL 94V-0   |
| Contacts:              | Brass, Tin Plated  | Brass, Tin Plated   | Brass, Tin Plated   |
| Approvals:             |     |                  |                |
| Accessories / Notes:   | P.No. 12075, 14228 (See Page 449 & 450) VDE and ENEC approval for black versions only. | P.No. 12075, KT0006, 14228 (See Page 448, 449 & 450) VDE and ENEC approval for black versions only. | P.No. 12075, KT0006, 14228 (See Page 448, 449 & 450) VDE and ENEC approval for black versions only. |
| Mates with:            | PX0685, PX0686, PX0686/SE  | PX0685, PX0686, PX0686/SE   | PX0685, PX0686, PX0686/SE   |
| <b>RoHS</b>            | Compliant  | Compliant   | Compliant   |

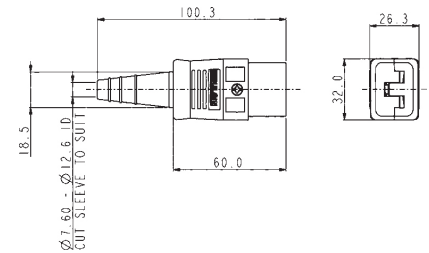


## C19 Straight Female Cable Connector



PX0599

- Rewirable Screw Terminals
- 16A, 250V AC
- Wire Sizes (max);  
3 x 2.5mm<sup>2</sup>, 3 x 12AWG
- Overall cable diameter up to 12mm

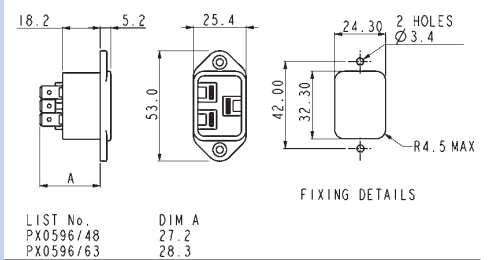


## C20 Flange Mount Inlet



PX0596

- 6.3mm or 4.8mm Tabs
- 16A, 250V AC  
(20A, 250V AC UL and cUL)

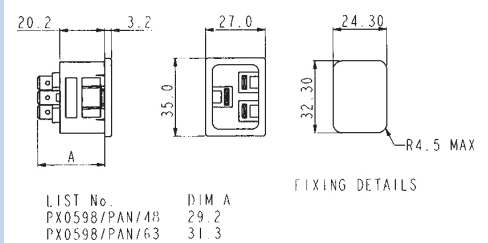





## C20 Snap Fit to Panel Inlet

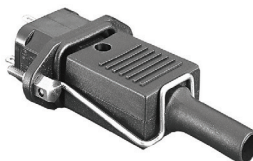
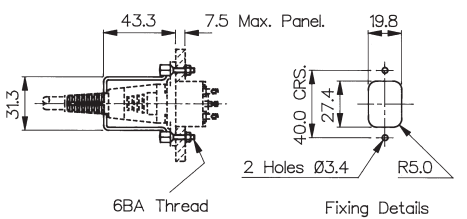
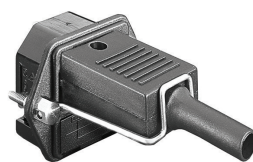
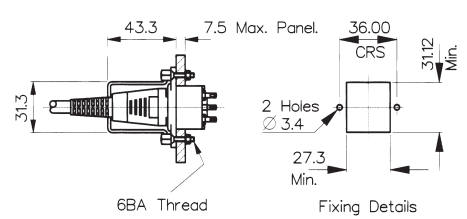

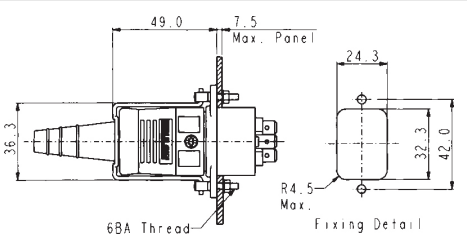


PX0598

- Fits panel Thickness 1, 1.5, 2.0  
or 3.0mm
- 6.3mm or 4.8mm Tabs
- 16A, 250V AC  
(20A, 250V AC UL and cUL)

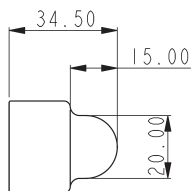


| Specifications                             | PX0599  | PX0596/Termination  | PX0598/Fixing/Termination   |
|--|---|---|---|
| FIXINGS (Panel):                           |   | Flange  | Snap Fit, /10 (1mm), /15 (1.5mm), /20 (2mm), /30 (3mm)                                |
| TERMINATIONS:                              | Screw Terminals   | /63 (6.3mm tab), /48 (4.8mm tab)  | /63 (6.3mm tab), /48 (4.8mm tab)  |
| Max. Rating:                               | 16A, 250V AC  | 16A, 250V AC<br>20A, 250V AC UL and cUL   | 16A, 250V AC<br>20A, 250V AC UL and cUL   |
| Insulation Resistance:                     | >5MΩ  | >10 <sup>8</sup> MΩ   | >10 <sup>8</sup> MΩ   |
| Dielectric Strength<br>Between contacts:   | 1.5kV AC  | 1.5kV AC  | 1.5kV AC  |
| Between contacts &<br>accessible surfaces: | 3kV C   | 3kV AC  | 3kV AC  |
| Operating Temp. Range:                     | -40°C to +70°C  | -40°C to +70°C  | -40°C to +70°C  |
| Max. Plug Temp.:                           |   | 70°C  | 70°C  |
| Withdrawal Force:                          | 15N Min, 60N Max.   |   |   |
| Mouldings:                                 | Nylon, Flammability Rating UL94V-0  | Nylon, Flammability Rating UL94V-0  | Nylon, Flammability Rating UL 94V-0   |
| Contacts:                                  | Brass, Clean  | Plugs: Brass, Nickel Plated<br>Tabs: Brass, Tin Plate                               | Plugs: Brass, Nickel Plated<br>Tabs: Brass, Tin Plated                                |
| Approvals:                                 |  |  |  |
| Mating Connectors:                         | C20 Inlets; PX0596 Flange and<br>PX0598 Snapfit                                     | PX0599 Rewirable Connector  | PX0599 Rewirable Connector  |
| Accessories:                               |   | KT0012, P.No. 14064<br>(see Pages 448 & 450)  | P.No. 14064 (see Page 450)  |
| <b>RoHS</b>                                | Compliant   | Compliant   | Compliant   |

|  |   |  |
|--|---|--|
| <p>Retaining Clip</p>  <p><b>KT0006</b><br/>(Shown with PX0580 &amp; PX0587)</p>  | <ul style="list-style-type: none"> <li>○ Prevents Accidental Removal</li> <li>○ Fits flanged inlets</li> </ul>                                    |   |
| <p>Retaining Clip</p>  <p><b>KT0009</b><br/>(Shown with PF0001 &amp; PX0587)</p>  | <ul style="list-style-type: none"> <li>○ Prevents Accidental Removal</li> <li>○ Fits fused flanged inlets</li> </ul>                              |   |
| <p>Retaining Clip</p>  <p><b>KT0012</b><br/>(Shown with PX0596 &amp; PX0599)</p> | <ul style="list-style-type: none"> <li>○ Prevents Accidental Removal</li> <li>○ For use with PX0596 flanged inlet and PX0599 connector</li> </ul> |  |

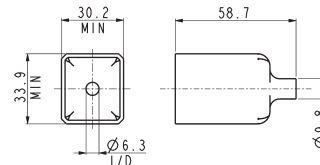
| Specifications | KT0006   | KT0009  | KT0012   |
|----------------|--|---|--|
|                | <p>Retaining Clip to prevent accidental removal of connector.</p> <p>Fits: PX0580 + PX0587 PX0590 + PX0597<br/>PX0690 + PX0587<br/>PX0675 + PX0686<br/>PX0793 + PX0686<br/>PX0793/1 + PX0686</p> | <p>Retaining Clip to prevent accidental removal of connector.</p> <p>Fits: PF0001+ PX0587<br/>PF0001/PC +PX0587<br/>PF0002 + PX0587<br/>PF0030 + PX0587</p> | <p>Retaining Clip to prevent accidental removal of connector.</p> <p>Fits: PX0596 + PX0599</p> |
| Material:      | Clip: Stainless Steel, other parts Brass, Nickel Plated  | Clip: Stainless Steel, other parts Brass, Nickel Plated   | Clip: Stainless Steel, other parts Brass, Nickel Plated  |
| <b>RoHS</b>    | Compliant  | Compliant   | Compliant  |

Blanking Cover



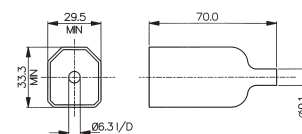
PNo 14228

Insulation Boot



PNo 14340

Insulation Boot



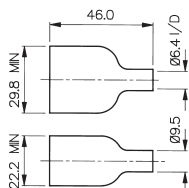
PNo 14317

- Blanking covers
- Protects Front of Outlet Connector
- Protects Against Accidental Electric Shock

- PVC Insulation Boots
- Protects Rear of Connector
- Protects Against Accidental Electric Shock

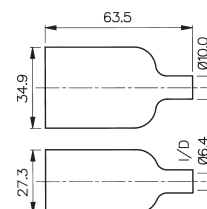
| Specifications        | P.No. 14228   | P.No. 14340  | P.No. 14317   |
|-----------------------|---|--|---|
|                       | Blanking cover for<br>PX0578,<br>PX0675,<br>PX0695,<br>PX0783,<br>PX0793,<br>PX0716 | Insulation boot for<br>PS20,<br>PS21,<br>PS25,<br>PS26 | Insulation boot for<br>PF0030,<br>PF0033<br>(except /PC versions) |
| Operating Temp:       | -40°C to +70°C  | -20°C to +60°C   | -20°C to +60°C  |
| Max. Working Voltage: | 250V AC   | 250V AC  | 250V AC   |
| Flash Tested:         | 2kV AC  | 2kV AC   | 2kV AC  |
| Material:             | Nylon   | P.V.C.   | P.V.C.  |
| Flammability Rating:  | UL94V-0   | UL94V-0  | UL94V-0   |
| <b>RoHS</b>           | Compliant   | Compliant  | Compliant   |

Insulation Boot



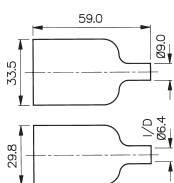
PNo 11328

Insulation Boot



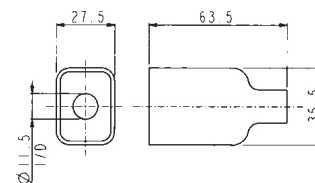
PNo 12075

Insulation Boot



PNo 11987

Insulation Boot



PNo 14064

- PVC Insulation Boots
- Protects Rear of Connector
- Protects Against Accidental Electric Shock

| Specifications        | P.No. 11328  | P.No. 11987   | P.No. 12075  | P.No. 14064                              |
|-----------------------|--|---|--|--|
|                       | Insulation boot for<br>PX0575,<br>PX0579,<br>PX0580<br>PX0590,<br>PX0595 | Insulation boot for<br>PF range<br>PF0001,<br>PF0002,<br>PF0006,<br>PF0007,<br>PF0011,<br>PF0016<br>(Except /PC versions) | Insulation boot for<br>PX0675,<br>PX0695,<br>PX0705,<br>PX0725,<br>PX0783,<br>PX0793,<br>PX0793/1<br>(Except /PC versions) | Insulation boot for<br>PX0596,<br>PX0598 |
| Operating Temp:       | -20°C to +60°C   | -20°C to +60°C  | -20°C to +60°C   | -20°C to +60°C                           |
| Max. Working Voltage: | 250V AC  | 250V AC   | 250V AC  | 250V AC                                  |
| Flash Tested:         | 2kV AC   | 2kV AC  | 2kV AC   | 2kV AC                                   |
| Material:             | P.V.C.   | P.V.C.  | P.V.C.   | P.V.C.                                   |
| Flammability Rating:  | UL94V-0  | UL94V-0   | UL94V-0  | UL94V-0                                  |
| <b>RoHS</b>           | Compliant  | Compliant   | Compliant  | Compliant                                |

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