

**Installation instructions - IEC 309 Receptacles and Inlets**  
**60/63 & 100 Ampere IP44 / IP67**

Warning

Make sure that power is OFF before wiring these devices!  
 These devices are not designed for interrupting current!

1. Ensure that the rating on the connector is correct for the installation. Both amperage and voltage should be checked.
2. Make sure that the cable being used with these connectors is of correct ampacity and temperature rating for the application. Use **copper wire** only. (see table)
3. Strip back cable to the lengths specified (see table)
4. Insert cable through the large gasket.
5. Insert conductors into the appropriate terminals. All terminals are labeled.
6. Tighten down terminal screws to the torque specified. (see table)
7. Secure inlet/receptacle to panel. Cutout and bolt patterns are given.
8. Alternately, if you have access to the back of the panel the device can be mounted first. This may make tightening the terminal connections awkward.

**IMPORTANT:**

**Please read before installing this device:**

This device conforms to International Electrotechnical Commission (IEC) standards IEC 60309-1 and IEC 60309-2. The arrangement of the contacts and keyways in this device is such that the device cannot be mated with an IEC device of a different voltage, current or system rating.

Pin and sleeve devices are not all manufactured to IEC standards. Some devices are made to standards established by individual companies. It is therefore possible that a non-IEC device can be improperly mated with an IEC device of a different voltage, current or system rating. You must ensure that you are mating to the proper device.

To insure safety in the use of pin and sleeve devices, **DO NOT USE NON-IEC DEVICES** in the same premises as IEC devices, unless it has been determined beforehand that no mating is possible which can create an electrical situation which is hazardous to life, limb or property.

Device Rating	60 Ampere	63 Ampere	100 Ampere	125 Ampere
Min. Wire Size	10 AWG / 6mm <sup>2</sup>	10 AWG / 6mm <sup>2</sup>	6 AWG / 16mm <sup>2</sup>	6 AWG / 16mm <sup>2</sup>
Max. Wire Size	6 AWG / 16mm <sup>2</sup>	6 AWG / 16mm <sup>2</sup>	2 AWG / 50mm <sup>2</sup>	2 AWG / 50mm <sup>2</sup>
Wire strip length	0.71" / 18mm	0.71" / 18mm	0.9" / 20mm	0.9" / 20mm
Mounting Holes	80mm x 80mm	80mm x 80mm	100mm x 100mm	100mm x 100mm
Terminal torque	16in-lbs / 200Ncm	16in-lbs / 200Ncm	35in-lbs / 450Ncm	35in-lbs / 450Ncm
Temperature	-25°C to +40°C	-25°C to +40°C	-25°C to +40°C	-25°C to +40°C
Inlet Hole Dia.	77mm	77mm	95mm	95mm
Outlet Hole Dia.	85mm	85mm	90mm	90mm

Please call for more information: 1-800-800-4606.

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