

# CONNECTING DEVICES

## M145-



Type:

**WATERTIGHT CLAMPS  
CONNECTING DEVICE SOCKET +  
PLUG WITH 3, 5 OR 6 POLE**

Rated voltage:

**400 V**

Impulse voltage:

**4 kV**

Rated current:

**25 A**

Working temperature:

**T -40°C + 125°C**

Type of clamps to connect the cables:

**SCREW CLAMPS**

Clamps connecting capacity:

**0,75 ÷ 4,00 mm<sup>2</sup>**

Protection degree (IP):

**IP68 (0,5 bar)**

In conformity to the standards:

**EN 61984**

**EN 60335 (for the cable gland)**

In conformity to the requirements of the directive:

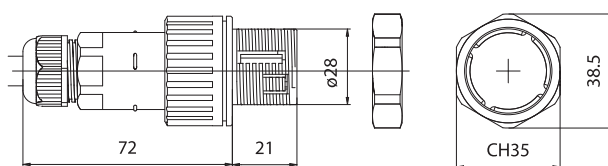
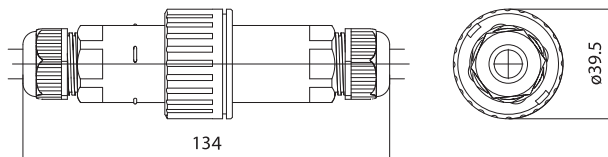
**2014/35/EU**

Approval marks:

**IMQ**



- Watertight connecting device plug + socket with 3, 5 or 6 poles with safety ring:
  - external envelope, male and female, in black PA66.
  - housing parts for the contacts, male and female, in PA66.
  - bush screw clamps, in nickel-plated brass, with slot screw in zinc-plated iron.
  - gasket in thermoplastic vulcanised TPE.
  - hexagonal cable gland in black PA66, key 24 mm, for cables between 7 and 14 mm.
  - for version "P": female-socket part threaded to fix the device on panel (gasket and nut with 35 mm hexagonal key included).
- Device suitable to connect lighting fixtures, in order to enable the installer to disconnect, for maintenance or substitution, the lighting fixtures from the main power.



**M145N/3:** male plug + female socket, with 3 poles (2 poles + ground) with safety ring and cable glands.

**M145P/3:** version as above with female socket with back side with special thread diameter 28 mm to be fixed in the holes, faceted in order to prevent the rotation, using hexagonal nut 35 mm in PA66.

**M145N/5:** male plug + female socket, with 5 poles (4 poles + ground) with safety ring and cable glands.

**M145P/5:** version as above with female socket with back side with special thread diameter 28 mm to be fixed in the holes, faceted in order to prevent the rotation, using hexagonal nut 35 mm in PA66.

**M145N/6:** male plug + female socket, with 6 poles (5 poles + ground) with safety ring and cable glands.

**M145P/6:** version as above with female socket with back side with special thread diameter 28 mm to be fixed in the holes, faceted in order to prevent the rotation, using hexagonal nut 35 mm in PA66.

**M145TP:** cap to protect the male plug during the maintenance.

- The cable clamp device can be connected to multi-conductor cables, arranged with unsheathing 50 mm and stripping 6 mm or crimped with end-terminal (for the cables, refer to "Section 9" of this catalogue - suggested cables with external sheath in neoprene rubber).

