

CONNECTING DEVICES

M181--



Type:

**WATERTIGHT CLAMPS
CONNECTING DEVICE SOCKET +
PLUG WITH 2 POLES**

Rated voltage:

500 Vac (3 ÷ 60 Vdc)

Impulse voltage:

4 kV

Rated current:

10 A

Working temperature:

T -40°C + 125°C

Type of clamps to

connect the cables:

SCREW CLAMPS

Clamps connecting capacity:

0,25 ÷ 1,00 mm²

Overvoltage Category:

II

Protection degree (IP):

IP68 (30 min / 1 h)

In conformity to the standards:

EN 61984

EN 61535 (for M181L)

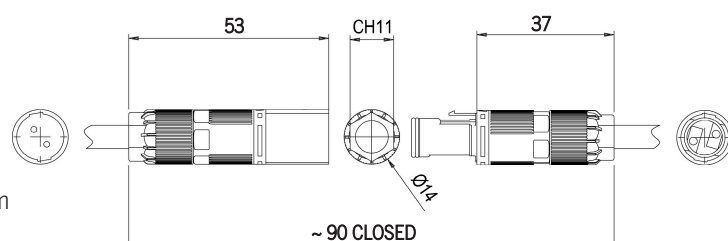
In conformity to the requirements
of the directive:

2014/35/EU



Approval marks:

- Watertight connecting device plug + socket with 2 poles with safety block:
 - external envelopes, male and female, in black PA66.
 - bush screw clamps, in nickel-plated brass, with slot screw in zinc-plated iron.
 - gasket in thermoplastic vulcanised TPE.
 - cable gland in black PA66, for cables between 4.5 and 5.5 mm or between 5.4 and 7.9 mm.
- 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.



M181: male plug + female socket, with 2 poles and safety block disconnectable by hands.

M181A: version with cable glands for cables with diameter from 4.5 mm to 5,5 mm

M181B: version with cable glands for cables with diameter from 5.4 mm to 7.9 mm

M181L: male plug + female socket, with 2 poles and safety block disconnectable with a tool (ref. EN 61535).

M181LA: version with cable glands for cables with diameter from 4.5 mm to 5.5 mm

M181LB: version with cable glands for cables with diameter from 5.4 mm to 7.9 mm

- The cable clamp device can be connected to multi-conductor cables, arranged with unsheathing 15 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).

- Cables connected to the device:

Insulation	Shape	Section	Temperature	Type	cod./page
SILICONE + RUBBER BLACK	round	2 x 0,50 mm ²	T60°C (T180°C for the cores)		NS20N (page 9111)
FEP + RUBBER BLACK	round	2 x 0,50 mm ²	T60°C (T180°C for the cores)		NT20N (page 9110)
RUBBER + PCP BLACK	round	2 x 0,75 mm ²	T60°C	H05RN-F	NC27N (page 9048)
RUBBER + PCP BLACK	round	2 x 1,00 mm	T60°C	H05RN-F	NC21N (page 9048)

