CONNECTING DEVICES

M181--

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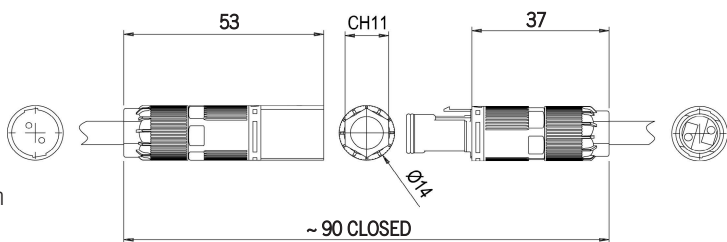|	
Type:	**WATERTIGHT CLAMPS CONNECTING DEVICE SOCKET + PLUG WITH 2 POLES**
Rated voltage:	**400 V AC/DC**
Impulse voltage:	**4 kV**
Rated current:	**10 A**
Working temperature:	**T -40°C + 125°C**
Type of clamps to connect the cables:	**SCREW CLAMPS**
Clamps connecting capacity:	**0,25 ÷ 1,50 mm²**
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).

53   CH11   37

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~ 90 CLOSED

- Cables connected to the device:

Insulation	Shape	Section	Temperature	Type	cod./page
SILICONE + RUBBER BLACK	round	2 x 0,50 mm²	T60°C (T180°C for the cores)		NS20N (page 9111)
FEP + RUBBER BLACK	round	2 x 0,50 mm²	T60°C (T180°C for the cores)		NT20N (page 9110)
RUBBER + PCP BLACK	round	2 x 0,75 mm²	T60°C	H05RN-F	NC27N (page 9048)
RUBBER + PCP BLACK	round	2 x 1,00 mm	T60°C	H05RN-F	NC21N (page 9048)