

IP68 waterproof cable joint connector

Product codes:

Reference: AM1918

EAN13: -

UPC: 85369010

Product features:

Current: 30 A

Voltage: 250 V AC

Waterproof grade: IP68

Operating temperature: -45°C - +185°C



Product attributes:

Number of pins: 2-pin, 3-pin, 4-pin, 5-pin

Product description:

The IP68 waterproof cable joint connector is designed for connecting electrical wires in environments with increased demands for protection against water and dust. The design with screw contacts allows a detachable cable connection without soldering.

Technical specifications

- Product type: cable joint connector
 - Design: waterproof
 - Protection: IP68
 - Variants by number of pins: 2-pin, 3-pin, 4-pin, 5-pin
 - Contacts: screw
 - Designed for wire diameter: 5-10 mm
 - Maximum current: 30 A
 - Maximum voltage: 250 V AC
 - Working temperature: -45 to 185 °C
 - Relative humidity: 90-95 %
 - Material: polyamide
 - Dimensions: 91.4 x 23 mm
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Functions and features

- Detachable cable connection using screw contacts.
- Construction with IP68 protection for use in environments with water and dust.
- Option to choose the number of pins according to the wiring: 2-pin, 3-pin, 4-pin or 5-pin.
- Cylindrical inline design suitable for connecting cables in one axis.
- Polyamide body ensures mechanical protection of the electrical joint.

Ideal for

- Outdoor electrical installations requiring a protected cable connection.
- Industrial applications requiring a detachable cable joint.
- Connecting cables of devices, luminaires, sensors or technical wiring while observing the connector parameters.
- Applications where it is necessary to select the number of contacts according to the specific wiring.

Package contents

- 1 x waterproof cable joint connector in the selected pin variant

Why choose this product

- Allows creating a detachable wire connection without soldering.
- Offers a choice between 2-pin, 3-pin, 4-pin and 5-pin design.
- IP68 protection is suitable for installations requiring protection against water and dust ingress.
- Screw contacts facilitate wire assembly and subsequent joint service.
- Parameters of 30 A and 250 V AC correspond to use in electrical installations while observing safety principles and correct wiring.

Installation and operation instructions

- Before connection, check the selected number of pins and wire assignment in the installation.
- Secure the wires in the screw contacts so that there is no loosening or short circuit between the contacts.
- After connection, tighten the connector body and sealing parts to maintain the waterproof design of the joint.
- Use the connector only within the specified electrical and operating parameters.
- Installation into the electrical system may only be performed by a person with appropriate professional competence.

Safety warnings

- The product is intended for electrical circuits with voltage up to 250 V AC, incorrect wiring poses a risk of electric shock.
- Before assembly, disassembly or maintenance, always disconnect the power supply and verify the voltage-free state.
- Do not exceed the maximum current of 30 A or the maximum voltage of 250 V AC.
- Incorrect tightening of wires or sealing parts leads to a risk of overheating, short circuit or loss of water protection.
- Do not use a damaged connector, damaged seal or a connector showing signs of overheating.

Product gallery:

