WATERPROOF CONNECTOR SERIES

ELC-M682-B

IP68 Screw-Terminal Waterproof Connector



IP	IEC/NSW	VAC	POLES
IP68	17.5 A	450 VAC	2P/3P

ELC-M682-B is an IP68 screw-terminal waterproof connector with 2- or 3-pole options. It provides compact power connections with an IEC/NSW rating of 17.5 A / 450 VAC, a 0.5-1.5 mm² conductor range and two M16 cable entries.

Prepared from the model-specific datasheet and reference drawing.

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Technical data

Model code	ELC-M682-B
Connection type	Screw-terminal connection
Protection rating	IP68
Pole / pin options	2P / 3P
Rating (IEC/NSW)	17.5 A / 450 VAC
Rating (ETL)	10 A / 300 VAC
Conductor size (Europe / Australia)	0.5-1.5 mm²
Conductor type / size (USA)	SJOW 18 AWG
Cable entries	2 × M16
Suitable cable outer diameter	3-6.5 mm / 5-9 mm
Housing characteristic	Flame-retardant; UL94V-2
Temperature class	T105
Dimensions (reference)	70.3 × 19.5 mm
Water test stated in the datasheet	20 m / 150 hours
Approvals / compliance stated in the datasheet	ENEC, CE, UKCA, ETL, NSW, CB, RoHS

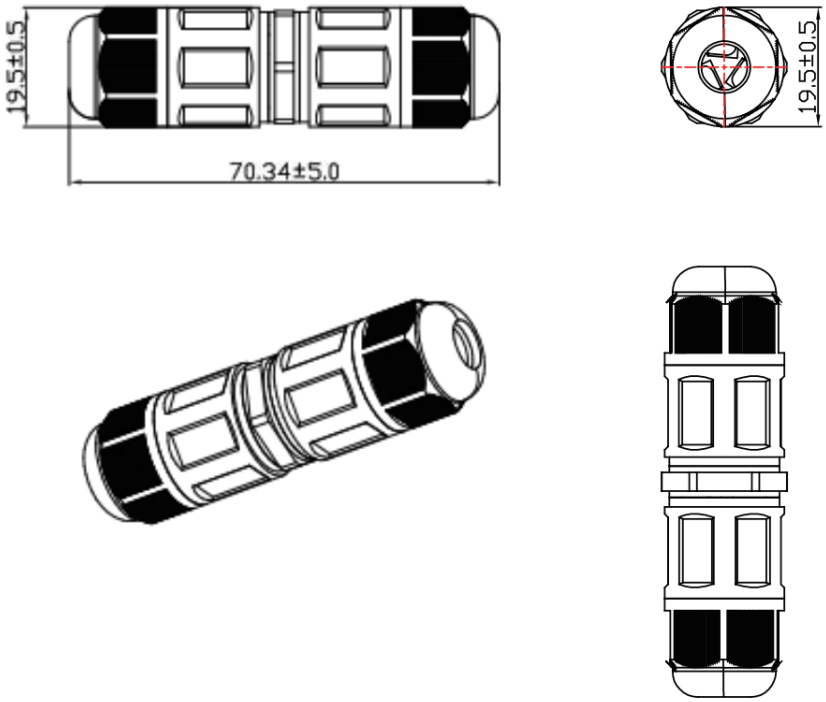
Seal and cable-entry options

Option	Seal aperture	Round rubber cable outer diameter
1	6.5 mm	3-6.5 mm
2	9 mm	5-9 mm

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Technical drawing

ELC-M682-B



Dimensions are in mm. The view is reproduced from the reference drawing for this model. Refer to the drawing for details and tolerances.

Conditions of use

Fresh-water and underground applications, subject to the datasheet conditions.

Select the seal to suit the cable outer diameter. IP protection depends on correct assembly of the connection.

20 m / 150 hours is the test condition stated in the datasheet.

Do not use in saline or alkaline soil.

Avoid prolonged contact with oily substances or immersion in oil.

Prolonged exposure to direct sunlight is not recommended.

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