Waterproof Connectors

ELC-M685-U

ELC-M685-U - IP68 Waterproof Connector



ELC-M685-U is an ip68 waterproof connector. Provides a sealed connector solution for cable connections.

Technical data prepared from the model-specific datasheet.

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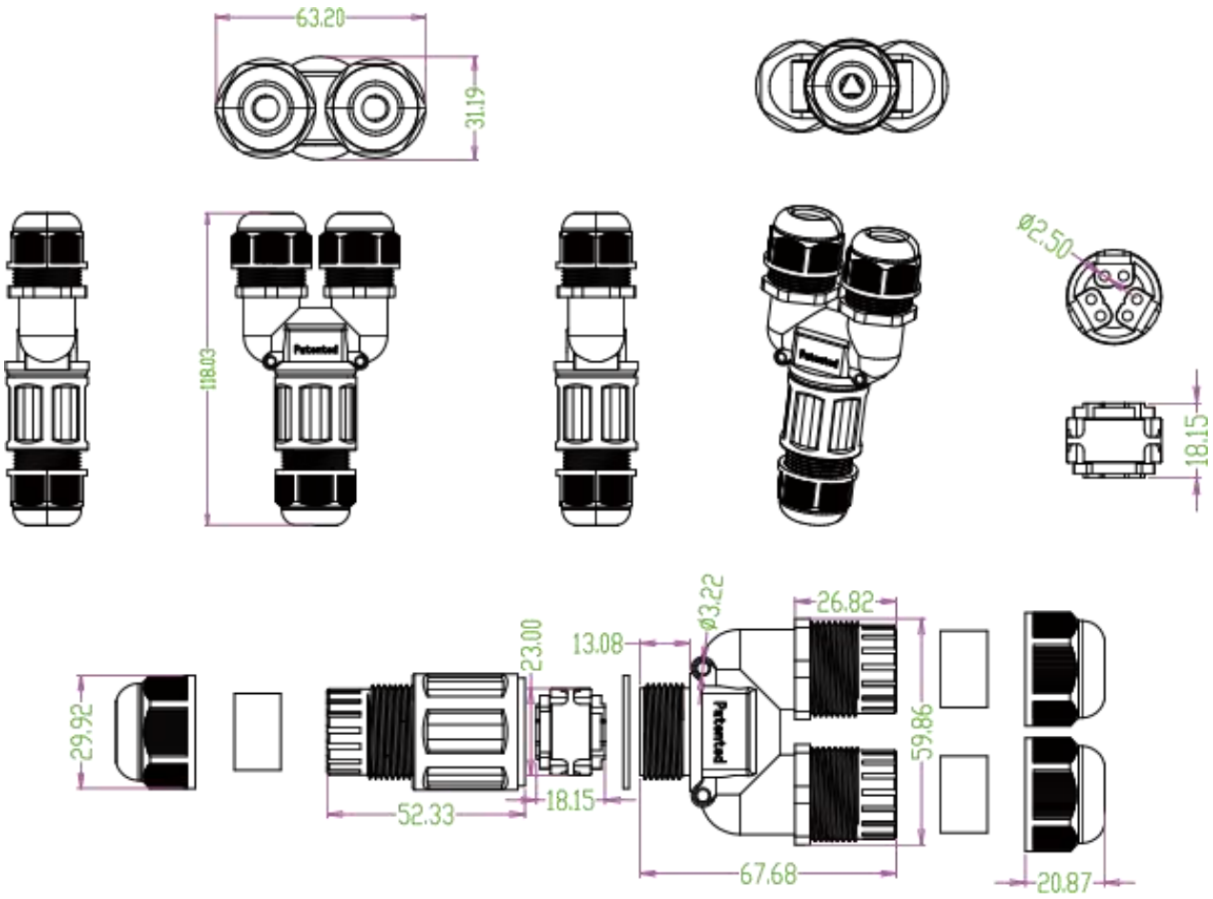
Technical data

Model code	ELC-M685-U
Protection rating	IP68
Housing characteristic	Flame-retardant; UL94V-2
Temperature class	T105
Rating (IEC/NSW)	32 A / 450 VAC
Rating (ETL)	18 A / 300 VAC
Pole / pin options	2P/3P/4P/5P
Conductor cross-section	0.5 - 4.0 mm²
Conductor type / size (USA)	SJOW 12-14 AWG
Cable-entry and cable outer diameter options	3 × M25(4-8 mm) / 3 × M25(8-12 mm) / 3 × M25(10-14 mm)
Dimensions (reference)	118.03 × 63.2 × 31.19 mm
Water test stated in the source	20 m / 150 h
Approvals / compliance stated in the source	ENEC,CE,UKCA,ETL,NSW,CB,RoHS
Terminal mechanism	Screw-terminal connection

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Technical drawing

ELC-M685-U



Drawing reproduced from the source document. Dimensions are in mm; refer to the drawing for details and tolerances.

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

IP protection depends on suitable cable/seal selection and correct assembly.

The water-test statement describes the test condition stated in the source.

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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