



TDM Box



IP68



without gel



without resin



Sealed junction boxes





Ideal for your applications in wet or challenging environments

The **TDM BOX** is designed for fast and reliable installation in most of the environments exposed to moisture, inclement weather, dust and many aggressive industrial situations. It does not require gel, nor resin because of its exclusive system which guarantees a high degree of sealing (IP68). Re-opening is possible whenever it is needed: thus **TDM BOX** offers the ability to add connections or modify those already done.

In practice:

- Simple and fast waterproof mounting makes it an optimal solution for connections, derivation or cable repair.
- TDM waterproof boxes with screwed dome are available in two sizes to quickly and safely connect power or control signal cables from 6 to 25 mm outside diameter.
- TDM boxes are compliant with the ÖVE IM22 standard.



Liquid and dust proof (IP68).



Gel or resin are not required.



Acids and putrefaction resistant.



Resistant to ultraviolet radiation.



Shocks resistant plastic dome.

Screwed dome can be fixed in position to prevent unauthorized access.

4 openings (entries/outputs) to connect up to 4 LV cables (max. 1kV).

TDM boxes can also be filled with MTR ALPA-GEL to further prevent from moisture ingress (cables capillary moisture, etc).



Telecom connections



Wet applications



Outdoor lighting



Harsh environments connections

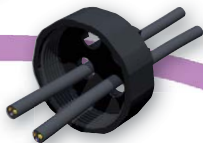
Product Installation Procedure >>> Exclusive System

IP68

1
Cut the rubber cones to half of the cables diameter.



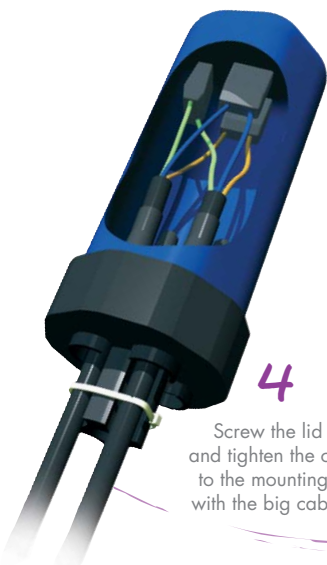
2
Clean and insert the cables into the lid.



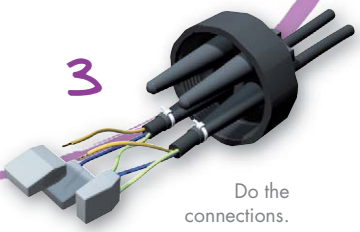
3
Cover each cable with lubricant and insert into rubber cones. Tighten a small cable tie on the cut end of each rubber cone.



4
Screw the lid firmly and tighten the cables to the mounting base with the big cable tie.



5
Do the connections.



Operator/installer is responsible for mounting conformity.



Product references and accessories

- Set includes : 1 box, 1 rubber molding for 4 cables, 1 lid, 4 small cable ties, 1 big cable tie, 1 lubricant gel box, 1 instruction manual.



TDM 1



TDM 2



Item code	Part number	Dimensions (mm)	Conductor size (mm ²)	Cables OD (mm)
7901100	TDM 1	165 x 70	3 x 1.5 to 5 x 2.5	6 - 14
7901101	TDM 2	275 x 70	3 x 1.5 to 5 x 16	6 - 25

Options

TDM 2 tightening clamp,
ref. **TDMS**
to be ordered
separately.



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