



CODES	THA.212.A0A.P66	THA.212.A0A.P67	THA.212.B0A
Cable entries: <i>Breakthrough wall</i>	A 2 x M16 B 1 x M20 C 2 x M16 D -	A 2 x M16 B 1 x M20 C 2 x M16 D -	A 2 x M16 B 1 x M20 C 2 x M16 D 1 x M20
Size	72mm x 75mm x 57mm	72mm x 75mm x 57mm	72mm x 75mm x 57mm
Screw tightening torque on cover	-	0.5Nm	-
Protection degree	IP66	IP67	IP66* <small>*Guaranteed with correct installation accessories for the M20 hole on the cover.</small>
Connector /gasket materials	PC/ABS UL94V0	PC/ABS UL94V0	PC/ABS UL94V0
Ambient temperature min.- max.	-20°C / +60°C	-20°C / +60°C	-20°C / +60°C
IK protection	IK08 (Ambient temperature +25°C)	IK08 (Ambient temperature +25°C)	IK08 (Ambient temperature +25°C)

SAFETY NOTES

- Disconnect the power supply before starting the assembly.
- To prevent dust and humidity / water from compromising the operation of the product, we recommended to use protective caps when the connectors are not connected (visit www.techno.it for more information).

ATTENTION

The connector has with live parts!

The connector is manufactured in compliance with electrical and safety regulations. It is the responsibility of those who assemble and install it to comply with the safety requirements of the system and ensure adequate protection from live parts.

NOTE

Read the assembly instructions carefully before assembly and installation!

The correct functioning of the product is guaranteed only if these assembly instructions are read and applied carefully.



Scan the QR code for more information.

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INSTALLATION ILLUSTRATIONS

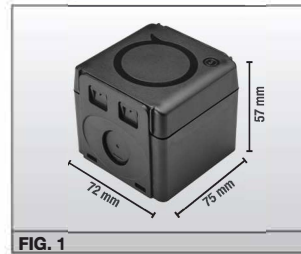


FIG. 1

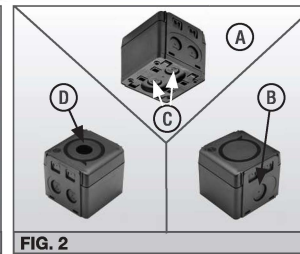


FIG. 2

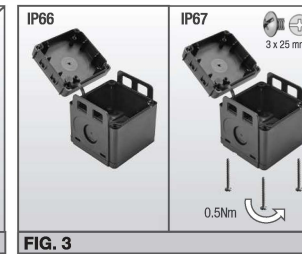


FIG. 3

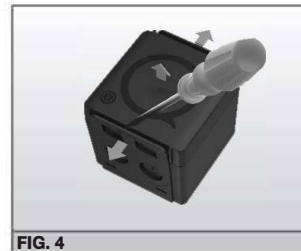


FIG. 4



FIG. 5

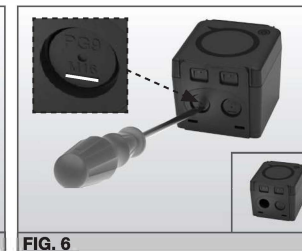


FIG. 6



FIG. 7



FIG. 8



FIG. 9

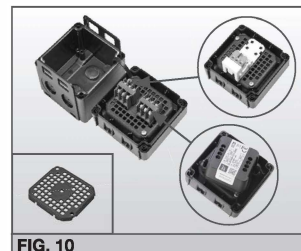


FIG. 10

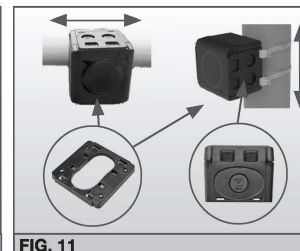


FIG. 11



FIG. 12

INSTALLATION INSTRUCTIONS

FIG. 1

- The junction box TH212 is supplied with base, rubber gasket, cover, anti-loss strap and screw (THA.212.A0A.P67*)
- External dimensions (B x L x H): 72mm x 75mm x 57mm

FIG. 2

- For TH212 are available three versions: THA.212.A0A.P66, THA.212.A0A.P67 and THA.212.B0A.
- The THA.212.A0A.Pxx versions have walls with pre-configured holes with breakout opening.
- It is possible to customize the box by opening the holes according to the installation requirements. There are two M16/P69 holes on one side (A), one M20 hole on the opposite side (B) and two M16/P69 holes on the bottom (C).
- The THA.212.B0A version, in addition to the preconfigured holes with breakout opening, is supplied with an M20 hole on the cover (D).
- For configuration specifications, download the Annex available on the website www.techno.it.

FIG. 3

- The junction boxes THA.212.A0A.P66 and THA.212.B0A are supplied without screws.
- N.B.: The IP66 degree of protection for the THA.212.B0A is guaranteed, if the accessories used for the M20 hole on the cover are correctly mounted.
- The junction box THA.212.A0A.P67 is supplied with 4 screws Cod. 601006202.
- N.B.: The tightening is possible with any screwdriver on the market suitable for combined screws (slotted and cross) dim. 3x25mm tighten the screws of the cover clockwise (0.5Nm).

FIG. 4

- To open the box, it will be necessary to slightly flex the side flaps outwards by sliding the flat tip of a commonly used screwdriver (dim. 3x0.5mm) and at the same time pull the lid upwards (repeat on both sides). For more details, download the Annex and the video tutorial available on the website www.techno.it.

FIG. 5

- The cover is fixed to the base via an anti-loss strap: simply fix it at the two ends by hooking the pegs into the special slots on the base and cover.
- This ensures that the cover cannot be lost, so facilitating the wiring and maintenance of the product.

FIG. 6

- To proceed with opening the holes on the walls, use a flathead screwdriver and follow the procedure identified by the reference standards: EN60670-1 and EN60670-22.

FIG. 7

- On exits hole for M16/P69 thread is possible to mount the TH381 series (THB.381.Nxx/Pxx) tightening torque 1.5Nm, the TH450 series (THA.450.xxx) tightening torque 2.0Nm.
- If it is necessary to close a previously opened hole, it is possible to mount the closing cap (Cod. 60B063100) tightening torque 1.5Nm.
- For more information visit the website: www.techno.it
- N.B.: it is possible use other commercially available products with thread M16 or P69.

FIG. 8

- On exits hole for M20 thread is possible to mount the TH387 series (THB.387.Sxx/Txx/Lxx) tightening torque 2.0Nm, the TH389 series (THB.389.Sxx/Lxx/Uxx) tightening torque 2.0Nm and the cable gland TH451 series (THA.451.xxx) tightening torque 2.0Nm.
- If it is necessary to close a previously opened hole, it is possible to mount the closing cap (Cod. 60B069600) tightening torque 1.5Nm.
- For more information visit the website: www.techno.it
- N.B.: it is possible use other commercially available products with thread M20.

FIG. 9

- Various accessories are provided for the TH212 (the accessories must be purchased separately visit the website www.techno.it.)
- With the terminal block adapter cod.6000640YC is possible to fix into the box the TEEBLOCK® TH026 series.
- The fixing of the adapter is possible through the use of n.1 screw cod. 601001500 (0.5Nm), or with a commercially available cross head screw with dimensions 3x14mm.
- The use of this accessory still allows the installation of the anti-loss strap.
- For configuration specifications, download the Annex available on the website www.techno.it.
- The adapter cod. 6000640YC is also suitable to mount other commercially terminal block (for example: 221 Wago).
- N.B.: the use of this accessory compromises the accessibility of the 2 holes for M16/P69 threads present on the base of the box

FIG. 10

- With the fixing grid cod.6000638YC on the cover is possible to fix into the box the TEEBLOCK® TH026 series, or driver commercially with dimension suitable with the installation specify of the box.
- The fixing of the adapter is possible through the use of n.2 screw cod. 601001500 (0.5 Nm), or with a commercially available cross head screw with dimensions 3x14mm.
- N.B.: the use of this accessory compromises the accessibility of the hole for M20 threads present on the cover of the THA.212.B0A version

FIG. 11

- The box can be fixed directly to the pole by inserting 0.7mm ties into the special slots on the base of the box.
- The box can be fixed directly to the wall: To proceed with the fixing of the box, 4x2.5mm screws will be needed - for a correct fixing consider the depth of the seat of the screws inside the box of 10.5mm.
- With the mounting bracket cod. 6000601YC is possible to fix the TH212 on the wall or on a pole* (solo horizontally*).
- To proceed with fixing the bracket on the wall, you will need 4 pan head screws Ø3mm. When the bracket is fixed, proceed to fit the box onto it - a sound will be heard when it is correctly engaged.

FIG. 12

- It is possible to fix on THA.212.B0A the Zhaga Book 18 (cod. 603001600) or of third-party sensors (compatible with the hole placed on the cover of the box) available on the market.
- For installation specifications download the Zhaga Book 18 installation sheet on our website www.techno.it.
- N.B.: When installing electronic components inside the housing (driver/PCB), we recommend the integration of commercially available compensating valves with a suitable thread for fixing on the housing.