



CODES	THA.212.A0A.P66	THA.212.A0A.P67
Number of ways	2-3-4-5	2-3-4-5
Size	72mm x 75mm x 57mm	72mm x 75mm x 57mm
Screw tightening torque on cover		0.5Nm
Protection degree	IP66	IP67
Connector /gasket materials	PC/ABS UL94V0	PC/ABS UL94V0
Temperature	-20°C / +60°C	-20°C / +60°C
IK protection	IK08 (Ambient temperature Ta +25°C)	IK08 (Ambient temperature Ta +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](http://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 and watch the installation video.

**INSTALLATION ILLUSTRATIONS**

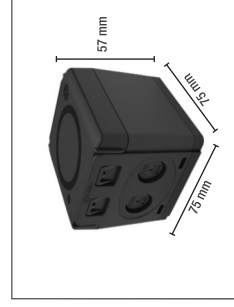


FIG. 1

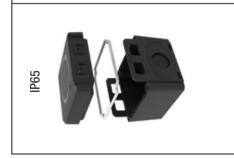


FIG. 2a

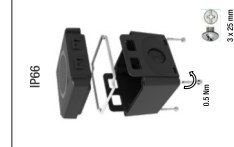


FIG. 2b

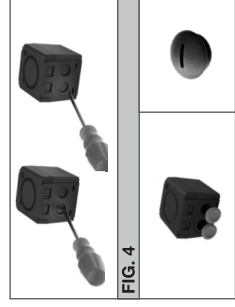


FIG. 3a



FIG. 3b



FIG. 4



FIG. 5a



FIG. 5b

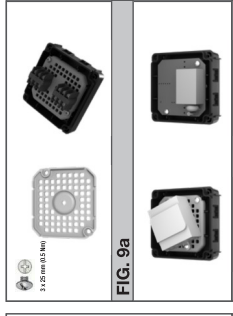


FIG. 6

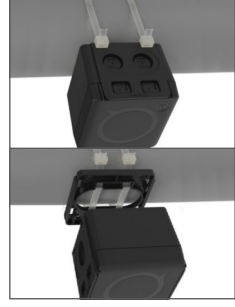


FIG. 7a

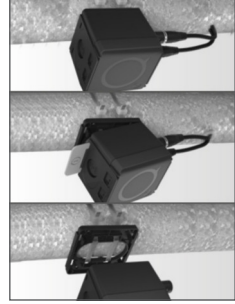


FIG. 7b

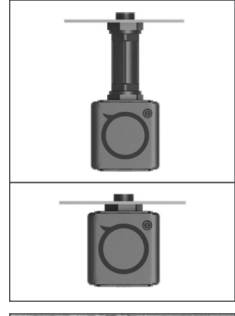


FIG. 8



FIG. 9



FIG. 10a

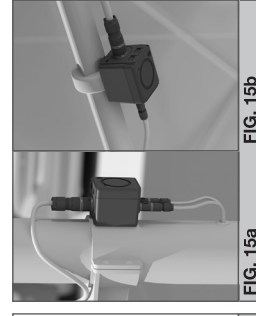


FIG. 10b

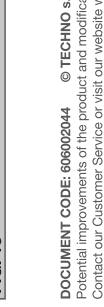


FIG. 11



FIG. 12



FIG. 13

**INSTALLATION INSTRUCTIONS**

**FIG. 1**

- The box is supplied with base, anti-loss strap and lid.
- Two versions are available: THA.212.A0A.P66 and THA.212.A0A.P67 both supplied with all exit holes closed.
- External dimensions (B x W x H): 72mm x 75mm x 57mm (Fig. 1)

**FIG. 2**

- Depending on the closure of the box, there are two different IP classifications. Without screws: IP66 Cod. THA.212.A0A.P66 (Fig. 2a), with screws: IP67 Cod. THA.212.A0A.P67 (Fig. 2b)
- The THA.212.A0A.P67 configuration is equipped with 4 self-tapping screws (cod. 601006202). Tightening is possible with a commercially screwdriver on market, suitable for combined screw (slotted and cross) dim. 3 x 2,5 mm. Turn the cover tightening screws clockwise (0,5 Nm)

**FIG. 3**

- The fixing of the cover for the THA.212.A0A.P66 box takes place without the use of screws.
- To open the box, it will be necessary to slightly flex the side flaps outwards and pull the lid upwards (Fig. 3a), so that it releases from the appropriate locks (Fig. 3b).

**FIG. 4**

- The TH212 box is characterized by 4 ways with hole for M16 / PG9 threads and 1 way with hole for M20 threads. Depending on the need for use, there is the possibility to open the knockout holes with a slotted screwdriver, exerting a maximum force of 0.8Nm. If necessary, to close the holes, it is possible to use closing caps with code: 6DS063100 for M16 holes and 6DS063600 for M20 hole (Fig. 4b)

**FIG. 5**

- The box is fixed to the lid by a safety strap (Fig. 5a Cod. 60002690C) so that it is not lost during installation.

**FIG. 6**

- The TH381 (THB.381.Nxx / Pxx & THB.381.Axx / Bxx), TH450 series can be mounted in the M16 thread holes. If necessary, it is possible to mount the closing cap Cod. 6DS063100 (which can be ordered separately on the website: www.techno.it), TH350 - TH450: 2.0Nm (fixing nut to be ordered separately code 6000046CC / 604006600) - 6DS063100: 1.5Nm.
- The holes for M16 or PG9 threads allow the use of other commercially available products equipped with this thread.

**FIG. 7**

- The TH387 (THB.387.Nxx / Pxx), TH389 (THB.389.Mxx / Lxx) series can be mounted in the M20 thread hole. If necessary, it is possible to mount the closing cap Cod: 6DS063600 (to be ordered separately on the website www.techno.it)
- TH387, 1.5 Nm - Code 6DS063600: 1.5 Nm
- The M20 thread holes allow the use of other commercially available products equipped with this thread.

**FIG. 8**

- Various accessories are provided for the TH212 box (which can be purchased separately on the website www.techno.it)
- The adapter for terminal blocks code 6000640YC allows assembly of the Techno TH023 and TH026 series terminal blocks inside the box. Fixing the adapter is possible through the use of 1 screw cod. 602001500 (0.5 Nm), or with any screw on market with dimensions of 3 x 14 mm.
- The use of this accessory still allows the installation of the anti-loss strap in Fig. 5a.
- The terminal adapter cod. 6000640YC has been designed to accommodate other terminal blocks on the market (221 Wago).
- **N.B.: the use of this accessory compromises the accessibility of the 2 holes for M16 threads on the base of the box.**

**FIG. 9**

- It is possible to install the fixing grid on the cover cod. 6000638YC with 2 screws cod. 601001500 (0.5 Nm) or with any screws on market with dimensions 3 x 14 mm (Fig. 9a). With the accessory it is possible to wire Techno terminals TH023 and TH026 series or commercially available drivers that meet the maximum dimensions for entry into the box.

**FIG. 10/11/12**

- The box can be fixed in various ways.
- It can be fixed directly to the identified support with 0.7mm cable ties passing through the appropriate slots on the base of the box.
- Through the fixing bracket cod. 60006010YC it is possible to fix it to the pole with the use of 0.7mm cable ties passing through the appropriate slots on the accessory (Fig. 11). Using the bracket disassembly key cod. 6000610VC it is possible to remove the box from the bracket to allow easy wiring (Fig. 11)
- Wall fixing is also possible using panel connectors (Fig. 12 and Fig. 12a).

**FIG. 13/14**

- Installation of any market sensors on the lid is possible - such as the Ziega Book 18 receptacle (Fig. 13). In case of installation of electronic components inside the box (driver / PCB) without resin (Fig. 14), we recommend the integration of compensation valves with thread suitable for fixing on the box, available on the market.

**FIG. 15**

- For correct installation - which does not compromise the IP protection of the box, it is recommended to fix the box horizontally (Fig. 15b) using installation methods (Fig. 10/11/12).