

TECHNICAL DATA (visit [www.techno.it](http://www.techno.it))

CODES	THA.210.A0A / THA.210.B0A
Numbers of ways	2 - 3 - 4
Dimensions	130 x 150 x 42
Cover screws tightening torque	0.8 Nm
IP Protection (IP6x)	IP66 / IP67 / IP68 (5m / 1h)
Connector / gasket materials	PA66 GF UL94 V2 TPE Halogen free / Silicone free
Temperature min / max	-40°C / +100°C
IK Protection	IK10 (Ambient temperature Ta +25°C)
Norm	EN60998 – EN60529

**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 for more information.

Techno s.r.l.

Via Bancora e Rimoldi, 27 | 22070 Guanzate (CO), Italy | ph. +39 031 976445 | fax +39 031 976680  
customer@techno.it | [www.techno.it](http://www.techno.it)

INSTALLATION ILLUSTRATIONS

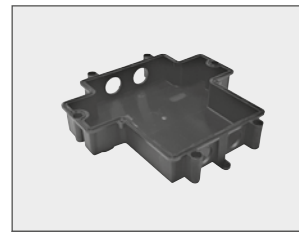


FIG. 1

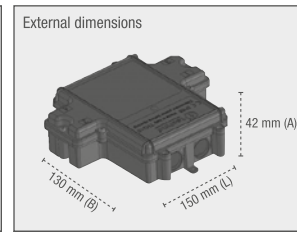


FIG. 1a

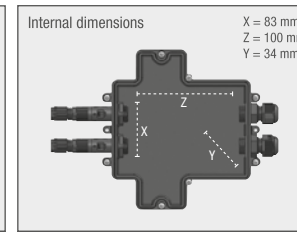


FIG. 1b

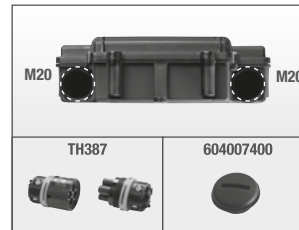


FIG. 2

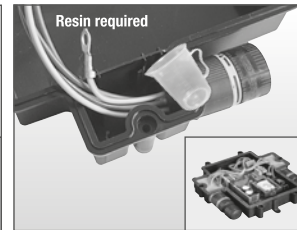


FIG. 2a



FIG. 3



FIG. 3a

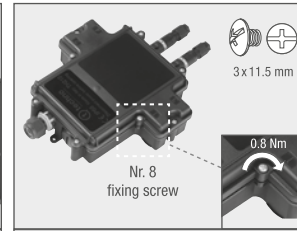


FIG. 4

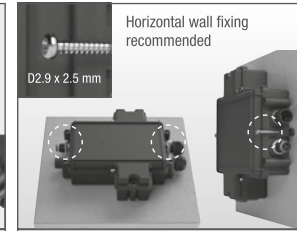


FIG. 5

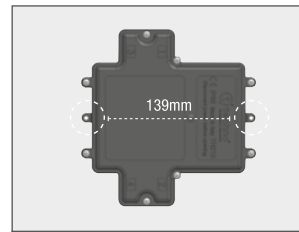


FIG. 5a



FIG. 6

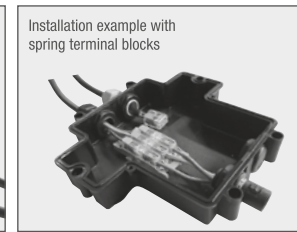


FIG. 7

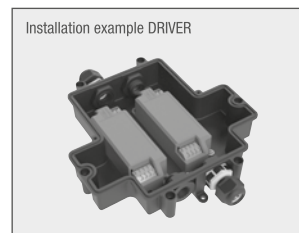


FIG. 8

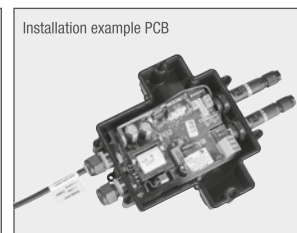


FIG. 9



FIG. 10

INSTALLATION INSTRUCTIONS

**FIG. 1**

- The junction box TH210 is supplied with base, cover and n. 8 screws.
- 2 types of versions are available with code: THA.210.A0A and THA.210.B0A.
- External dimensions (B x L x H): 130 x 150 x 42 mm (Fig. 1a).
- Internal dimensions (Z x X x Y) 100 x 83 x 34 mm (Fig. 1b).

**FIG. 2**

- The junction box THA.210.A0A has 2 exits with hole suitable for M16 / PG9 thread and 2 exits with hole suitable for M20 thread.
- On exits hole for M20 thread is possible to mount the TH387 series or the closing cup cod. 604007400.
- **IMPORTANT: for this configuration the resin in the two lateral trays is required (Fig. 2a).**
- On exits hole for M16 / PG9 thread is possible to mount the TH381 series (THB.381.Nxx / Pxx), the TH450 series or the closing cup cod. 6DB063100 (Fig. 3). TH381: 1.5 Nm - TH450: 2.0 Nm (fixing nut to be ordered separately cod. 6000046CC / 604006600) - 6DB063100: 1.5 Nm (Fig. 3a).
- **N.B. the junction box is supplied empty, the accessories must be purchased separately (visit the website [www.techno.it](http://www.techno.it)).**
- On exits hole for M16 / PG9 thread is possible use other commercially available products with M16 or PG9 thread.

**FIG. 3**

- The junction box THA.210.B0A has 4 exits suitable for M16 / PG9 thread.
- On exits holes for M16 / PG9 thread is possible to mount the TH381 series (THB.381.Nxx / Pxx), the TH450 series or the closing cup cod. 6DB063100 (Fig. 3a).
- TH381: 1.5 Nm - TH450: 2.0 Nm (fixing nut to be ordered separately cod. 6000046CC / 604006600) - 6DB063100: 1.5 Nm (Fig. 3a).
- **N.B. the junction box is supplied empty, the accessories must be purchased separately (visit the website [www.techno.it](http://www.techno.it)).**
- It is possible use other commercially available products with thread M16 or PG9.

**FIG. 4**

- The junction box has 8 screws (cod. 601001500) included in the packaging.
- The tightening is possible with any screwdriver on the market suitable for combined screws (slotted and cross) dim. 3 x 11.5 mm.
- Tighten the screws of the cover clockwise (0.8 Nm).

**FIG. 5**

- The junction box TH210 has 2 fixing rings for panel installation.
- It is recommended to fix the box to the wall horizontally (Fig. 5), the mechanical fixing distance between the 2 holes is 139 mm (Fig. 5a).
- For the fixing is possible to use the screw cod. 601000500 or any screw on market with dimension: 2.9 x 2.5 mm. (Length of thread: minimum 25 mm).

**FIG. 6 / 7 / 8 / 9**

- The internal space on TH210 allows mount Techno terminal blocks, and other electronic device on market, as driver, electronic boards and terminal block from other manufacturers.

**FIG. 10**

- In case of installation of electronic components inside the junction box (Driver / PCB) without resin, we recommend the integration of compensating valves provided with threads suitable for fixing on the box, available on the market.
- On customer request, the TH210 junction box is available in xDRY® version too: Connectors protected from water and dust (IP68) with anti-condensation barrier. The xDRY® system prevents the damp inside the cable from entering the connection and proceeding towards the device installed. For more information, visit the website: [www.techno.it](http://www.techno.it)