



# THB.209.A4A

TH209 - Junction box 4 ways type "H" IP68

MADE IN ITALY



**IP68**



## GENERAL DESCRIPTION

Type of installation	Joint connector (re-usable/re-accessible)
Type of product (Family)	TEEBOX® - IP68 Junction boxes with terminal blocks
Product name (Series)	TH209 - Junction box 4 vie tipo "H" IP68
Product configuration	Junction box with terminal block
Type of Fixation	With fixing screws on flat surface
Colour	Black (Plastic components) - Techno green (Rubber components)
Outer dimension	108 mm x 65 mm x 28 mm

## ELECTRICAL CHARACTERISTICS

Number of poles	4
Contact marking	1 - 2 - 3 - 4
Type of connection	screw (M3 - max. 0.5 Nm) <i>* Terminal block with double connection.</i>
Operating current	max. 24A
Operating voltage	max. 450V AC

Contact our Customer Service for availability of other markings.

## MECHANICAL CHARACTERISTICS

Protection against solid/water (IP)	IP68 (5m,3h)
Corrosion resistance	Salt mist, 1.000 ore, 5% salt solutions, 35°C EN60068-2-11:2000, Test Ka (168h)

Contact our Customer Service for availability of products with different IP and IK protection degrees.

## CABLE CHARACTERISTICS

Wire cross-section min. - max. (Stranded cable)	0.5 mm <sup>2</sup> - 4.0 mm <sup>2</sup>
Wire cross-section min. - max. (Solid cable)	0.5 mm <sup>2</sup> - 4.0 mm <sup>2</sup>
Cable diameter min. - max.	7.0 mm - 14.0 mm (main cable) / 7.0 mm - 14.0 mm (branch cable) <i>* For cables with diameter For smaller cables please take the proper accessory.</i>

## MATERIAL CHARACTERISTICS

Body	PA66 UL94 V2 GWT 850°C
Connector housing	PA66 GF UL94 V0 GWT 960°C
Sealing	SEBS
Grommets	TPE
Contacts	CuZn (nickel plated)
Screws	Steel (rivestimento Zinco)
Material properties	Halogen Free - Silicone Free
T marking	T 85°C
Operating temperature range	-40°C/+125°C

## INSTALLATION INSTRUCTIONS

- IST TH209-TH219 v01 PDF • 1 MB

## CERTIFICATIONS AND TEST REPORTS

- CE-TH209 DOC • 195 KB
- TH209 Nemko EN60529 IP68 PDF • 375 KB
- TH209 Nemko EN60998 PDF • 780 KB

## MARKETING COLLATERALS

- Pannello 4 PDF • 411 KB
- pannello techno 05 vert 80x120 LOW PDF • 2 MB

## DRAWINGS

- THA209A1ASTEP  
• 3 MB • CONFIDENTIAL DOCUMENT



**i** Contact our Customer Service for more information on additional tests and approvals.

#### INDUSTRY STANDARDS

Standard number	EN 60529:1991; EN60998-1:2004
-----------------	-------------------------------

#### PACKAGING INFORMATION

Packaging method	not assembled components
Quantity (product/box)	100 products/box
Unit weight	98,9 gram/product
Box dimension	600 x 270 x 400