



THH.420.A2B

TH420 - Ultra slim plug&socket connector IP67

MADE IN ITALY



DRAWINGS

- THH420A2BC050STEP
- 298 KB • CONFIDENTIAL DOCUMENT



GENERAL DESCRIPTION

Type of installation	Plug and Socket connector
Type of product (Family)	TEEPLUG® - IP68 Plug&Socket circular connectors
Product name (Series)	TH420 - Ultra slim plug&socket connector IP67
Product configuration	Plug connector (cable-to-cable)
Colour	black - trasparente
Outer dimension	22 mm x 42 mm x 4 mm

ELECTRICAL CHARACTERISTICS

Number of poles	2
Type of connection	crimp • Wired with cable H03V2V2-F (2 x 0.75 mmq) and lenght 450 mm.
Operating current	max. 6A (IMQ)
Operating voltage	max. 230V AC
Impulse withstand voltage	2.5kV

MECHANICAL CHARACTERISTICS

Protection against solid/water (IP)	IP67
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)	0.75 mm ²
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MATERIAL CHARACTERISTICS

Connector housing	PC GF UL94 V2 GWT 850°
Sealing	TPE
Contacts	CuZn (tin coating)
Impulse withstand category	II
Pollution degree	3
Material properties	Halogen Free - Silicone Free
T marking	T 85°C
Operating temperature range	-20°C/+110°C
Proof Tracking Index (PTI)	PTI 175

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

INDUSTRY STANDARDS

Standard number	EN 61984:2009
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PACKAGING INFORMATION

Packaging method	not assembled components
Quantity (product/box)	200 products/box

Unit weight

18 gram/product