



# THB.406.A8A

MADE IN ITALY

TH406 - Plug&Socket connector panel-mounted IP68



## GENERAL DESCRIPTION

Type of installation	Plug and Socket connector
Type of product (Family)	TEEPLUG® - IP68 Plug&Socket circular connectors
Product name (Series)	TH406 - Plug&Socket connector panel-mounted IP68
Product configuration	Connettore Spina <i>* Fixing nut included in the kit.</i>
Thread	M28
Panel thickness min. - max.	max 12.0 mm
Colour	Black (Plastic components) - Techno green (Rubber components)
Outer dimension	Φ 36.5 mm x 70 mm (when plug-socket matched)

## ELECTRICAL CHARACTERISTICS

Number of poles	8
Contact marking	1-2-3-4-5-6-7-E
Type of connection	screw (M2 - max. 0.2 Nm)
Operating current	max. 10A AC/DC
Operating voltage	max. 400V AC ( 60V DC )
Impulse withstand voltage	2.5kV

## MECHANICAL CHARACTERISTICS

Protection against solid/water (IP)	IP68 (10m/1h)
Protection against impact (IK)	IK08
Corrosion resistance	Salt mist test : EN60068-2-11:2000

## CABLE CHARACTERISTICS

Wire cross-section min. - max. (Stranded cable)	0.25 mm <sup>2</sup> - 1.0 mm <sup>2</sup>
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## MATERIAL CHARACTERISTICS

Body	PA66 UL94 V2 GWT 850°C
Connector housing	PA66 GF UL94 V0 GWT 960°C
Cable gland	PA66 UL94 V2 GWT 850°C
Sealing	Silicone
Grommets	TPE
Contacts	CuZn (nickel plated)
Screws	Steel (rivestimento Zinco)
Impulse withstand category	II
Pollution degree	2
Material properties	Halogen Free - Silicone Free
Operating temperature range	-40°C / +125°C
Proof Tracking Index (PTI)	PTI 175

## INDUSTRY STANDARDS

Standard number	EN 61984:2009
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## PACKAGING INFORMATION

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



Unit weight 31,3 gr

Box dimension 400x400x230 mm

#### INSTALLATION INSTRUCTIONS

- TH405 - TH406 ENG PDF • 839 KB
- TH405 - TH406 ITA PDF • 831 KB



# THB.406.A8A.R

MADE IN ITALY

TH406 - Plug&Socket connector panel-mounted IP68



## GENERAL DESCRIPTION

Type of installation	Plug and Socket connector
Type of product (Family)	TEEPLUG® - IP68 Plug&Socket circular connectors
Product name (Series)	TH406 - Plug&Socket connector panel-mounted IP68
Product configuration	Connettore Presa+Spina <i>* Fixing nut included in the kit.</i>
Thread	M28
Panel thickness min. - max.	max 12.0 mm
Colour	Black (Plastic components) - Techno green (Rubber components)
Outer dimension	Φ 36.5 mm x 70 mm (when plug-socket matched)

## ELECTRICAL CHARACTERISTICS

Number of poles	8
Contact marking	1-2-3-4-5-6-7-E
Type of connection	screw (M2 - max. 0.2 Nm)
Operating current	max. 10A AC/DC
Operating voltage	max. 400V AC ( 60V DC )
Impulse withstand voltage	2.5kV

## MECHANICAL CHARACTERISTICS

Protection against solid/water (IP)	IP68 (10m/1h)
Protection against impact (IK)	IK08
Corrosion resistance	Salt mist test : EN60068-2-11:2000

## CABLE CHARACTERISTICS

Wire cross-section min. - max. (Stranded cable)	0.25 mm <sup>2</sup> - 1.0 mm <sup>2</sup>
Cable diameter min. - max.	7.0 mm - 13.5 mm

## MATERIAL CHARACTERISTICS

Body	PA66 UL94 V2 GWT 850°C
Connector housing	PA66 GF UL94 V0 GWT 960°C
Cable gland	PA66 UL94 V2 GWT 850°C
Sealing	Silicone
Grommets	TPE
Contacts	CuZn (nickel plated)
Screws	Steel (rivestimento Zinco)
Impulse withstand category	II
Pollution degree	2
Material properties	Halogen Free - Silicone Free
Operating temperature range	-40°C / +125°C
Proof Tracking Index (PTI)	PTI 175

## INDUSTRY STANDARDS

Standard number	EN 61984:2009
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## PACKAGING INFORMATION

Packaging method	single packed unit
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Quantity (product/box) 50 pz

Box dimension 400x400x230 mm

#### INSTALLATION INSTRUCTIONS

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# THB.406.C8A

MADE IN ITALY

TH406 - Plug&Socket connector panel-mounted IP68



## GENERAL DESCRIPTION

Type of installation	Plug and Socket connector
Type of product (Family)	TEEPLUG® - IP68 Plug&Socket circular connectors
Product name (Series)	TH406 - Plug&Socket connector panel-mounted IP68
Product configuration	Connettore Presa <i>* Fixing nut included in the kit.</i>
Thread	M28
Panel thickness min. - max.	max 12.0 mm
Colour	Black (Plastic components) - Techno green (Rubber components)
Outer dimension	Φ 36.5 mm x 70 mm (when plug-socket matched)

## ELECTRICAL CHARACTERISTICS

Number of poles	8
Contact marking	1-2-3-4-5-6-7-E
Type of connection	screw (M2 - max. 0.2 Nm)
Operating current	max. 10A AC/DC
Operating voltage	max. 400V AC ( 60V DC )
Impulse withstand voltage	2.5kV

## MECHANICAL CHARACTERISTICS

Protection against solid/water (IP)	IP68 (10m/1h)
Protection against impact (IK)	IK08
Corrosion resistance	Salt mist test : EN60068-2-11:2000

## CABLE CHARACTERISTICS

Wire cross-section min. - max. (Stranded cable)	0.25 mm <sup>2</sup> - 1.0 mm <sup>2</sup>
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## MATERIAL CHARACTERISTICS

Body	PA66 UL94 V2 GWT 850°C
Connector housing	PA66 GF UL94 V0 GWT 960°C
Cable gland	PA66 UL94 V2 GWT 850°C
Sealing	Silicone
Grommets	TPE
Contacts	CuZn (nickel plated)
Screws	Steel (rivestimento Zinco)
Impulse withstand category	II
Pollution degree	2
Material properties	Halogen Free - Silicone Free
Operating temperature range	-40°C / +125°C
Proof Tracking Index (PTI)	PTI 175

## INDUSTRY STANDARDS

Standard number	EN 61984:2009
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## PACKAGING INFORMATION

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



**Unit weight** 31,3 gr

**Box dimension** 400x400x230 mm

#### INSTALLATION INSTRUCTIONS

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