



The image has the only illustrative purpose and it is purely indicative, it may not fully reflect the product configuration.

## Mini Plug Connector 4p Screwless D7-13.0 IP66/IP68/IP69

Code: **THS.389.A4E**



Potential improvements of the product and modifications of the technical data contained in this document can be made without notice.

## GENERAL INFORMATION

Type of installation	Plug and Socket connector
Product configuration	Plug connector
Locking mechanism	Push Pull
Colour	Black/Brown/White (Plastic components) - Techno green (Rubber components)
Overall dimensions (mm)	Ø 23.0 x 75.0
Overall dimensions when mated together (mm)	Ø 23.0 x 130.0

## ELECTRIC DATA

No. connected cables	1
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	17.5A AC/DC
Current rating (AC/DC) - UL	10A
Voltage rating (AC/DC)	500V AC
Voltage rating (AC/DC) - UL	600V AC/DC
Impulse withstand voltage	2.5kV
No. poles	4
Marking	2-3/L-N-E
Terminations	Screwless

## CONNECTION DATA

Multi-stranded conductor cross-section without ferrule MIN (mm <sup>2</sup> )	0.25
Multi-stranded conductor cross-section without ferrule MAX (mm <sup>2</sup> )	1.50
Solid conductor cross-section MIN (mm <sup>2</sup> )	0.25
Solid conductor cross-section MAX (mm <sup>2</sup> )	1.50
Conductor stripping length (mm)	12.00
Cable sheath stripping length (mm)	25.00
Reccomended types of cable	H05xxx/H07xxx
Cable diameter MIN (mm)	7.00
Cable diameter MAX (mm)	13.00
	<i>*16 AWG Stranded (9.0 mm-12.0 mm)</i>
Tightening torque of nut-cable gland	2.5 Nm

## ENVIRONMENT CONDITIONS

IP rating	IP66, IP68, IP69 <i>*IP68 (5m/1h)</i>
Salt Mist	Salt mist test : EN60068-2-11:2000
Mating cycles	100 cycles
Ambient temperature MIN/MAX (According to EN61984/EN60998)	-40°C/+125°C
Operating temperature MAX	+60°C
Proof Tracking Index (PTI)	PTI 175

## MATERIALS

Connector	PA66 GF UL94 V0
Cable gland	PA66 UL94 V2
O Rings	TPE
Gaskets	TPE
Impulse withstand category	II
Pollution degree	2
Material property	Halogen Free - Silicone Free
Spring terminations	Brass/Steel

## PRODUCT COMPLIANCES

IEC Approvals	EN 61984:2009
UL/CSA Approvals	UL2238/C22.2 No.182.3

## COMMERCIAL DATA

EAN	8057457098144
Packing method	Bulk packed ( OEM )
Type of packaging	Box
Pieces/box (pcs)	200
Weight per Piece (gr)	23.34
Corresponding code in KIT	THS.389.A4E.R
Custom tariff number	85369010
Country of origin	ITALY

## APPROVALS

Please login to access this data.

## TECHNICAL DOCUMENTATIONS

### Technical documentations:

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File	Type	Size
 606002039_Istruzioni_TH389_molla_web.pdf	PDF	1.40 MB


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## DRAWINGS

### Drawings:

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File	Type	Size
 THS_389_A4E.pdf	PDF	299.54 KB

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## CAD FILES

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## MARKETING DOCUMENTS

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