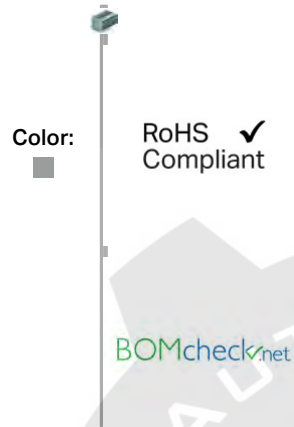


Data sheet | Item number: 769-666

THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 6-pole



769-666



Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated voltage (III / 2)	500 V
Rated impulse voltage (III / 2)	4 kV
Rated current	32 A

Connection data

No. of poles	6
Total number of potentials	6
Number of levels	1

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	33.6 mm / 1.323 inch
Height from the surface	18.3 mm / 0.72 inch
Depth	22.2 mm / 0.874 inch

Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for PCBs

Mismating protection	No
Mating direction to the PCB	0°

PCB contact

PCB contact	THT
-------------	-----

Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.133 MJ
Weight	6.58 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	DE
GTIN	4044918396752
Customs Tariff No.	85366990990

Approvals / Certificates**Country specific Approvals**

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626
	CCA DEKRA Certification B.V.	IEC 61984	NL-47799
	CCA DEKRA Certification B.V.	EN 61984	2190419.02
	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
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	UR	UL 1977	E45171
	Underwriters Laboratories Inc.		
	UR	UL 1059	E45172
	Underwriters Laboratories Inc.		

Compatible products

Marking accessories

	Item no.: 210-831 Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive	210-831
	Item no.: 210-832 Marking strips; on reel; 3 mm wide; plain; Self-adhesive	210-832
	Item no.: 210-833 Marking strips; on reel; 6 mm wide; plain; Self-adhesive	210-833
	Item no.: 210-834 Marking strips; on reel; 5 mm wide; plain; Self-adhesive	210-834

Female plug

	Item no.: 769-101 1-conductor female plug; 4 mm ² ; 1-pole	769-101
	Item no.: 769-102 1-conductor female plug; 4 mm ² ; 2-pole	769-102
	Item no.: 769-102/000-036 1-conductor female plug; 4 mm ² ; 2-pole	769-102 /000-036
	Item no.: 769-102/000-037 1-conductor female plug; 4 mm ² ; 2-pole	769-102 /000-037
	Item no.: 769-103 1-conductor female plug; 4 mm ² ; 3-pole	769-103
	Item no.: 769-103/000-036 1-conductor female plug; 4 mm ² ; 3-pole	769-103 /000-036
	Item no.: 769-103/000-037 1-conductor female plug; 4 mm ² ; 3-pole	769-103 /000-037

	Item no.: 769-103/000-038 1-conductor female plug; 4 mm ² ; 3-pole	769-103 /000-038
	Item no.: 769-103/000-039 1-conductor female plug; 4 mm ² ; 3-pole	769-103 /000-039
	Item no.: 769-104 1-conductor female plug; 4 mm ² ; 4-pole	769-104
	Item no.: 769-104/000-036 1-conductor female plug; 4 mm ² ; 4-pole	769-104 /000-036
	Item no.: 769-104/000-037 1-conductor female plug; 4 mm ² ; 4-pole	769-104 /000-037
	Item no.: 769-104/000-038 1-conductor female plug; 4 mm ² ; 4-pole	769-104 /000-038
	Item no.: 769-104/000-039 1-conductor female plug; 4 mm ² ; 4-pole	769-104 /000-039
	Item no.: 769-105 1-conductor female plug; 4 mm ² ; 5-pole	769-105
	Item no.: 769-105/000-036 1-conductor female plug; 4 mm ² ; 5-pole	769-105 /000-036
	Item no.: 769-105/000-037 1-conductor female plug; 4 mm ² ; 5-pole	769-105 /000-037
	Item no.: 769-105/000-038 1-conductor female plug; 4 mm ² ; 5-pole	769-105 /000-038
	Item no.: 769-105/000-039 1-conductor female plug; 4 mm ² ; 5-pole	769-105 /000-039
	Item no.: 769-106 1-conductor female plug; 4 mm ² ; 6-pole	769-106
	Item no.: 769-106/000-006 1-conductor female plug; 4 mm ² ; 6-pole	769-106 /000-006
	Item no.: 769-106/000-036 1-conductor female plug; 4 mm ² ; 6-pole	769-106 /000-036
	Item no.: 769-106/000-037 1-conductor female plug; 4 mm ² ; 6-pole	769-106 /000-037



Item no.: 769-106/000-038
1-conductor female plug; 4 mm²; 6-pole

/000-038

769-106



Item no.: 769-106/000-039
1-conductor female plug; 4 mm²; 6-pole

/000-039

769-106



Item no.: 769-106/021-000
1-conductor female plug; Locking lever; 4 mm²; 6-pole

/021-000

769-106



Item no.: 769-107
1-conductor female plug; 4 mm²; 7-pole

769-107



Item no.: 769-107/000-036
1-conductor female plug; 4 mm²; 7-pole

/000-036

769-107



Item no.: 769-107/000-037
1-conductor female plug; 4 mm²; 7-pole

/000-037

769-107



Item no.: 769-107/000-038
1-conductor female plug; 4 mm²; 7-pole

/000-038

769-107



Item no.: 769-107/000-039
1-conductor female plug; 4 mm²; 7-pole

/000-039

769-107



Item no.: 769-108
1-conductor female plug; 4 mm²; 8-pole

769-108



Item no.: 769-108/000-036
1-conductor female plug; 4 mm²; 8-pole

/000-036

769-108



Item no.: 769-108/000-037
1-conductor female plug; 4 mm²; 8-pole

/000-037

769-108



Item no.: 769-108/000-038
1-conductor female plug; 4 mm²; 8-pole

/000-038

769-108



Item no.: 769-108/000-039
1-conductor female plug; 4 mm²; 8-pole

/000-039

769-108



Item no.: 769-109
1-conductor female plug; 4 mm²; 9-pole

769-109



Item no.: 769-109/000-036
1-conductor female plug; 4 mm²; 9-pole

/000-036

769-109

	Item no.: 769-109/000-037 1-conductor female plug; 4 mm ² ; 9-pole	/000-037	769-109
	Item no.: 769-109/000-038 1-conductor female plug; 4 mm ² ; 9-pole	/000-038	769-109
	Item no.: 769-109/000-039 1-conductor female plug; 4 mm ² ; 9-pole	/000-039	769-109
	Item no.: 769-110 1-conductor female plug; 4 mm ² ; 10-pole		769-110
	Item no.: 769-110/000-036 1-conductor female plug; 4 mm ² ; 10-pole	/000-036	769-110
	Item no.: 769-110/000-037 1-conductor female plug; 4 mm ² ; 10-pole	/000-037	769-110
	Item no.: 769-110/000-038 1-conductor female plug; 4 mm ² ; 10-pole	/000-038	769-110
	Item no.: 769-110/000-039 1-conductor female plug; 4 mm ² ; 10-pole	/000-039	769-110
	Item no.: 769-111 1-conductor female plug; 4 mm ² ; 11-pole		769-111
	Item no.: 769-111/000-036 1-conductor female plug; 4 mm ² ; 11-pole	/000-036	769-111
	Item no.: 769-111/000-037 1-conductor female plug; 4 mm ² ; 11-pole	/000-037	769-111
	Item no.: 769-111/000-038 1-conductor female plug; 4 mm ² ; 11-pole	/000-038	769-111
	Item no.: 769-111/000-039 1-conductor female plug; 4 mm ² ; 11-pole	/000-039	769-111
	Item no.: 769-112 1-conductor female plug; 4 mm ² ; 12-pole		769-112
	Item no.: 769-112/000-036 1-conductor female plug; 4 mm ² ; 12-pole	/000-036	769-112



Item no.: 769-112/000-037
1-conductor female plug; 4 mm²; 12-pole

/000-037

769-112



Item no.: 769-112/000-038
1-conductor female plug; 4 mm²; 12-pole

/000-038

769-112



Item no.: 769-112/000-039
1-conductor female plug; 4 mm²; 12-pole

/000-039

769-112



Item no.: 769-113
1-conductor female plug; 4 mm²; 13-pole

769-113



Item no.: 769-113/000-036
1-conductor female plug; 4 mm²; 13-pole

/000-036

769-113



Item no.: 769-113/000-037
1-conductor female plug; 4 mm²; 13-pole

/000-037

769-113



Item no.: 769-113/000-038
1-conductor female plug; 4 mm²; 13-pole

/000-038

769-113



Item no.: 769-113/000-039
1-conductor female plug; 4 mm²; 13-pole

/000-039

769-113



Item no.: 769-114
1-conductor female plug; 4 mm²; 14-pole

769-114



Item no.: 769-114/000-036
1-conductor female plug; 4 mm²; 14-pole

/000-036

769-114



Item no.: 769-114/000-037
1-conductor female plug; 4 mm²; 14-pole

/000-037

769-114



Item no.: 769-114/000-038
1-conductor female plug; 4 mm²; 14-pole

/000-038

769-114



Item no.: 769-114/000-039
1-conductor female plug; 4 mm²; 14-pole

/000-039

769-114



Item no.: 769-115
1-conductor female plug; 4 mm²; 15-pole

769-115



Item no.: 769-115/000-036
1-conductor female plug; 4 mm²; 15-pole

/000-036

769-115

Item no.: 769-115/000-037
1-conductor female plug; 4 mm²; 15-pole

/000-037

769-115

**Item no.: 769-115/000-038**1-conductor female plug; 4 mm²; 15-pole

/000-038

769-115

Item no.: 769-115/000-0391-conductor female plug; 4 mm²; 15-pole

/000-039

769-115

Item no.: 769-1212-conductor female connector; 4 mm²; 1-pole

769-121

Item no.: 769-1222-conductor female connector; 4 mm²; 2-pole

769-122

Item no.: 769-1232-conductor female connector; 4 mm²; 3-pole

769-123

Item no.: 769-1242-conductor female connector; 4 mm²; 4-pole

769-124

Item no.: 769-1252-conductor female connector; 4 mm²; 5-pole

769-125

Item no.: 769-1262-conductor female connector; 4 mm²; 6-pole

769-126

Item no.: 769-1272-conductor female connector; 4 mm²; 7-pole

769-127

Item no.: 769-1282-conductor female connector; 4 mm²; 8-pole

769-128

Item no.: 769-1292-conductor female connector; 4 mm²; 9-pole

769-129

Item no.: 769-1302-conductor female connector; 4 mm²; 10-pole

769-130

Item no.: 769-1312-conductor female connector; 4 mm²; 11-pole

769-131

Item no.: 769-1322-conductor female connector; 4 mm²; 12-pole

769-132

Item no.: 769-1332-conductor female connector; 4 mm²; 13-pole

769-133

Item no.: 769-1342-conductor female connector; 4 mm²; 14-pole

769-134

Item no.: 769-1352-conductor female connector; 4 mm²; 15-pole

769-135

Coding**Item no.: 769-435**

Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors

769-435

ferrule

	Item no.: 216-101 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated	216-101
	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated	216-102
	Item no.: 216-103 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated	216-103
	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated	216-104
	Item no.: 216-201 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated	216-201
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated	216-202
	Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated	216-203
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated	216-204
	Item no.: 216-206 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated	216-206
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated	216-301
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated	216-302

Downloads

Documentation

Bid Text

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CAD/CAE - Smart Data

CAD data

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