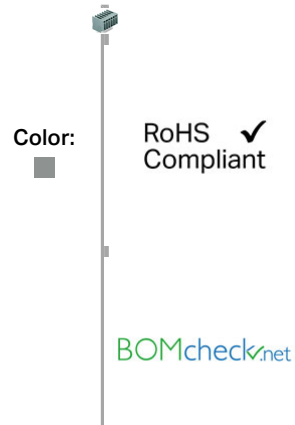


## Data sheet | Item number: 769-666

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








	UR Underwriters Laboratories Inc.	UL 1977	E45171
	UR Underwriters Laboratories Inc.	UL 1059	E45172
















## Compatible products

### Marking accessories

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

### Female plug

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

	<b>Item no.: 769-103/000-038</b> 1-conductor female plug; 4 mm²; 3-pole	769-103 /000-038
	<b>Item no.: 769-103/000-039</b> 1-conductor female plug; 4 mm²; 3-pole	769-103 /000-039
	<b>Item no.: 769-104</b> 1-conductor female plug; 4 mm²; 4-pole	769-104
	<b>Item no.: 769-104/000-036</b> 1-conductor female plug; 4 mm²; 4-pole	769-104 /000-036
	<b>Item no.: 769-104/000-037</b> 1-conductor female plug; 4 mm²; 4-pole	769-104 /000-037
	<b>Item no.: 769-104/000-038</b> 1-conductor female plug; 4 mm²; 4-pole	769-104 /000-038
	<b>Item no.: 769-104/000-039</b> 1-conductor female plug; 4 mm²; 4-pole	769-104 /000-039
	<b>Item no.: 769-105</b> 1-conductor female plug; 4 mm²; 5-pole	769-105
	<b>Item no.: 769-105/000-036</b> 1-conductor female plug; 4 mm²; 5-pole	769-105 /000-036
	<b>Item no.: 769-105/000-037</b> 1-conductor female plug; 4 mm²; 5-pole	769-105 /000-037
	<b>Item no.: 769-105/000-038</b> 1-conductor female plug; 4 mm²; 5-pole	769-105 /000-038
	<b>Item no.: 769-105/000-039</b> 1-conductor female plug; 4 mm²; 5-pole	769-105 /000-039
	<b>Item no.: 769-106</b> 1-conductor female plug; 4 mm²; 6-pole	769-106
	<b>Item no.: 769-106/000-006</b> 1-conductor female plug; 4 mm²; 6-pole	769-106 /000-006
	<b>Item no.: 769-106/000-036</b> 1-conductor female plug; 4 mm²; 6-pole	769-106 /000-036
	<b>Item no.: 769-106/000-037</b> 1-conductor female plug; 4 mm²; 6-pole	769-106 /000-037



**Item no.: 769-106/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

/000-038

769-106



**Item no.: 769-106/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

/000-039

769-106



**Item no.: 769-106/021-000**  
1-conductor female plug; Locking lever; 4 mm<sup>2</sup>; 6-pole

/021-000

769-106



**Item no.: 769-107**  
1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

769-107



**Item no.: 769-107/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

/000-036

769-107



**Item no.: 769-107/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

/000-037

769-107



**Item no.: 769-107/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

/000-038

769-107



**Item no.: 769-107/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

/000-039

769-107



**Item no.: 769-108**  
1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

769-108



**Item no.: 769-108/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

/000-036

769-108



**Item no.: 769-108/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

/000-037

769-108



**Item no.: 769-108/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

/000-038

769-108



**Item no.: 769-108/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

/000-039

769-108



**Item no.: 769-109**  
1-conductor female plug; 4 mm<sup>2</sup>; 9-pole
















769-109


















**Item no.: 769-109/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 9-pole

/000-036

769-109

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

	<b>Item no.: 769-112/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 12-pole	/000-037	769-112
	<b>Item no.: 769-112/000-038</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 12-pole	/000-038	769-112
	<b>Item no.: 769-112/000-039</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 12-pole	/000-039	769-112
	<b>Item no.: 769-113</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 13-pole		769-113
	<b>Item no.: 769-113/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 13-pole	/000-036	769-113
	<b>Item no.: 769-113/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 13-pole	/000-037	769-113
	<b>Item no.: 769-113/000-038</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 13-pole	/000-038	769-113
	<b>Item no.: 769-113/000-039</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 13-pole	/000-039	769-113
	<b>Item no.: 769-114</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 14-pole		769-114
	<b>Item no.: 769-114/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 14-pole	/000-036	769-114
	<b>Item no.: 769-114/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 14-pole	/000-037	769-114
	<b>Item no.: 769-114/000-038</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 14-pole	/000-038	769-114
	<b>Item no.: 769-114/000-039</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 14-pole	/000-039	769-114
	<b>Item no.: 769-115</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 15-pole		769-115
	<b>Item no.: 769-115/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 15-pole	/000-036	769-115
	<b>Item no.: 769-115/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 15-pole	/000-037	769-115



**Item no.: 769-115/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 15-pole

/000-038

769-115



**Item no.: 769-115/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 15-pole

/000-039

769-115



**Item no.: 769-121**  
2-conductor female connector; 4 mm<sup>2</sup>; 1-pole

769-121



**Item no.: 769-122**  
2-conductor female connector; 4 mm<sup>2</sup>; 2-pole

769-122



**Item no.: 769-123**  
2-conductor female connector; 4 mm<sup>2</sup>; 3-pole

769-123



**Item no.: 769-124**  
2-conductor female connector; 4 mm<sup>2</sup>; 4-pole

769-124



**Item no.: 769-125**  
2-conductor female connector; 4 mm<sup>2</sup>; 5-pole

769-125



**Item no.: 769-126**  
2-conductor female connector; 4 mm<sup>2</sup>; 6-pole

769-126



**Item no.: 769-127**  
2-conductor female connector; 4 mm<sup>2</sup>; 7-pole

769-127



**Item no.: 769-128**  
2-conductor female connector; 4 mm<sup>2</sup>; 8-pole

769-128



**Item no.: 769-129**  
2-conductor female connector; 4 mm<sup>2</sup>; 9-pole

769-129



**Item no.: 769-130**  
2-conductor female connector; 4 mm<sup>2</sup>; 10-pole

769-130



**Item no.: 769-131**  
2-conductor female connector; 4 mm<sup>2</sup>; 11-pole

769-131



**Item no.: 769-132**  
2-conductor female connector; 4 mm<sup>2</sup>; 12-pole

769-132



**Item no.: 769-133**  
2-conductor female connector; 4 mm<sup>2</sup>; 13-pole

769-133



**Item no.: 769-134**  
2-conductor female connector; 4 mm<sup>2</sup>; 14-pole

769-134



**Item no.: 769-135**  
2-conductor female connector; 4 mm<sup>2</sup>; 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

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