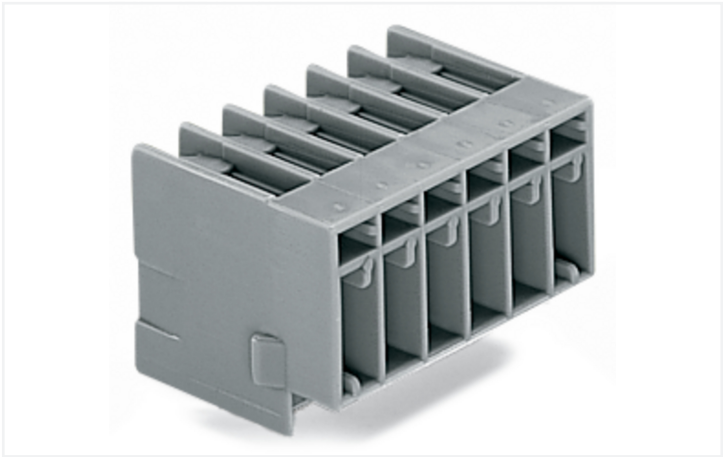


Data Sheet | Item Number: 769-672

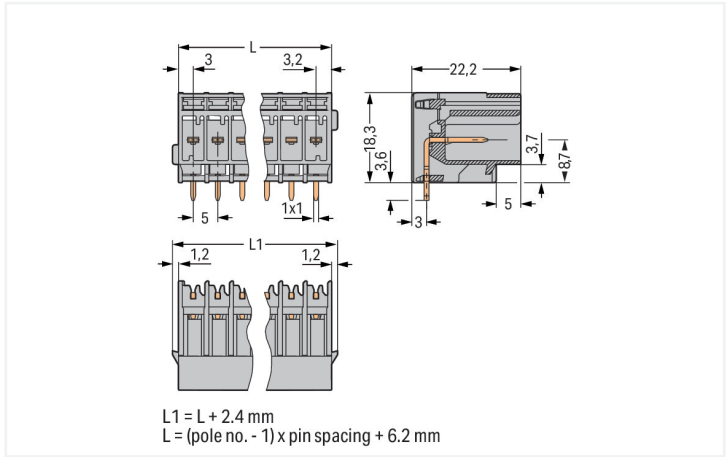
THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 12-pole; gray

<https://www.wago.com/769-672>



Color: ■ gray

Similar to illustration



Dimensions in mm

Stiftleiste Serie 769 mit Rastermaß 5 mm

Die Stiftleiste hat die Artikelnummer 769-672 und ermöglicht eine ordentliche Elektroinstallation. Mit unseren Leiterplatten-Steckverbindern erhalten Sie ein ganzheitliches Steckverbindersystem, das vielseitig eingesetzt werden kann: als Leiterplatten-Steckverbinder, als Durchführungssteckverbinder, als fliegende Steckverbindung für verschiedene Montagearten oder als Steckverbinder auf Reihenklemmen. Die Verlötung des Leiterplatten-Steckverbinders erfolgt mittels THT.

Electrical data

Ratings per IEC/EN	
Nominal voltage (III/3)	250 V
Rated impulse withstand voltage (III / 3)	4 kV
Rated voltage (III/2)	500 V
Rated impulse withstand voltage (III/2)	4 kV
Rated current	32 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Total number of potentials	12	Connection 1	
Number of levels	1	Pole number	12
Preceding contacts	No		

Physical data

Pin spacing	5 mm / 0.197 inches
Width	63.6 mm / 2.504 inches
Height from the surface	18.3 mm / 0.72 inches
Depth	22.2 mm / 0.874 inches



Mechanical data	
Variable coding	Yes
Mounting type	PCB
Anti-rotation protection	Yes

Plug-in connection	
Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for PCB
Mismating protection	No
Mating direction to the PCB	0°

PCB contact	
PCB contact	THT

Material data	
Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.32 MJ
Weight	13 g

Environmental requirements	
Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C

Commercial data	
Product Group	18 (X-COM-System)
PU (SPU)	25 pcs
Packaging type	Box
Country of origin	PL
GTIN	4044918397186
Customs tariff number	85366930000

Product classification	
UNSPSC	39121409
eCl@ss 10.0	27-44-04-02
eCl@ss 9.0	27-44-04-02
ETIM 9.0	EC002637
ETIM 8.0	EC002637
ECCN	NO US CLASSIFICATION



Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
CCA DEKRA Certification B.V.	EN 61984	2190419.02	Railway WAGO GmbH & Co. KG	-	Z00004428.000
CCA DEKRA Certification B.V.	IEC 61984	NL-47799/A1			
CSA CSA Group	C22.2	1101144			
KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01			
UL Underwriters Laboratories Inc.	UL 1977	E 45171			
UR Underwriters Laboratories Inc.	UL 1059	E45172			

Approvals for marine applications

Approval	Standard	Certificate Name
DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAE00001V2

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 769-672	

Documentation

Bid Text			
769-672	19.02.2019	xml 2.97 KB	
769-672	04.10.2017	doc 25.00 KB	



CAD/CAE-Data	
CAD data 2D/3D Models 769-672 ↓	CAE data ZUKEN Portal 769-672 ↓

PCB Design	
Symbol and Footprint via SamacSys 769-672 ↓	
Symbol and Footprint via Ultra Librarian 769-672 ↓	

1 Compatible Products
1.1 System counterpart
1.1.1 Female connector/socket



[Item No.: 769-112](#)
1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 12-pole; coding finger; 4,00 mm²; gray



[Item No.: 769-112/021-000](#)
1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 12-pole; coding finger; Lateral locking levers; 4,00 mm²; gray



[Item No.: 769-132](#)
2-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 12-pole; coding finger; 4,00 mm²; gray

1.2 Optional Accessories
1.2.1 Coding
1.2.1.1 Coding



[Item No.: 769-435](#)
Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors; orange

1.2.2 Marking
1.2.2.1 Marking strip



[Item No.: 210-833](#)
Marking strips; 25 m on roll; 6 mm wide; plain; Self-adhesive; white



[Item No.: 210-831](#)
Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white



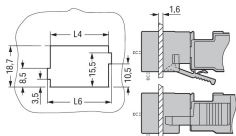
[Item No.: 210-832](#)
Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white



[Item No.: 210-834](#)
Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white

Installation Notes

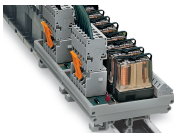
Installation



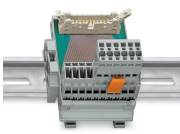
L6 = L4 + 2.6 mm
L4 = pole no. x pin spacing + 1.7 mm

Cutout
Male headers with solder pins

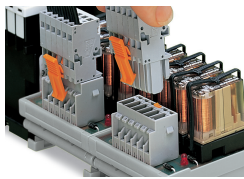
Application



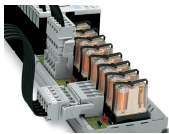
Male headers with straight solder pins and 1-conductor female plugs (picture shows a relay module)



Male headers with solder pins for printed circuit boards



Pluggable PCB connection
Connection to a relay module inside the switchgear cabinet



Male headers with solder pins
Integrating PCB components into the system wiring.