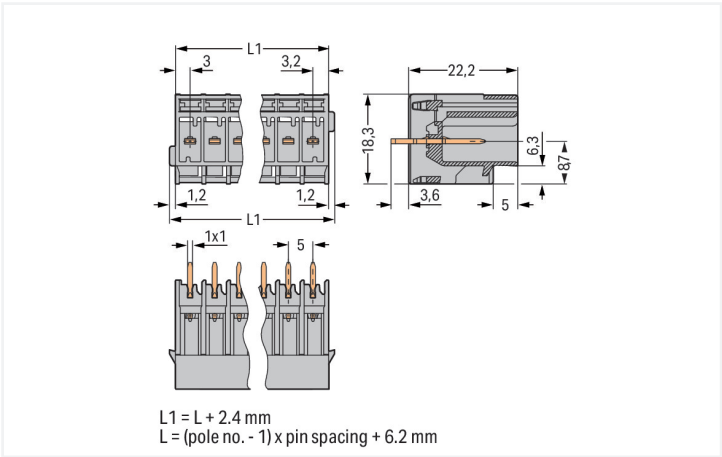


Data Sheet | Item Number: 769-633/000-036
THT male header; 1.0 x 1.0 mm solder pin; straight; Preceding ground contact; Pin spacing 5 mm; 3-pole; green-yellow, gray
<https://www.wago.com/769-633/000-036>



Color: ■ gr-ye/gray Similar to illustration Dimensions in mm

Male connector, 769 Series, gr-ye/gray

Our male connector (item number 769-633/000-036) simplifies electrical installations.

The pcb connector is designed for THT soldering.

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	3	Connection 1	
Number of levels	1	Pole number	3
Preceding contacts	Yes		

Physical data

Pin spacing	5 mm / 0.197 inches
Width	18.6 mm / 0.732 inches
Height from the surface	22.2 mm / 0.874 inches
Depth	18.3 mm / 0.72 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	90 °

PCB contact

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

Material data

Note (material data)	Information on material specifications can be found here
Color	gr-ye/gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.075 MJ
Weight	3.4 g

Environmental requirements

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

Commercial data

PU (SPU)	100 pcs
Packaging type	Box
Country of origin	PL
GTIN	4055143296410
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 10.0	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
CSA CSA Group	C22.2	1101144	Railway WAGO GmbH & Co. KG	-	Z00004428.000
UL Underwriters Laboratories Inc.	UL 1059	E45172			
UL Underwriters Laboratories Inc.	UL 1977	E 45171			

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 769-633/000-036	

CAD/CAE-Data	
CAD data	
2D/3D Models 769-633/000-036	



1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



Item No.: 769-103
1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 3-pole; coding finger; 4,00 mm²; gray



Item No.: 769-103/021-000
1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 3-pole; coding finger; Lateral locking levers; 4,00 mm²; gray



Item No.: 769-123
2-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 3-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



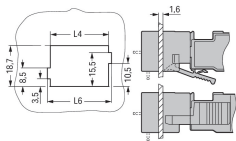
Item No.: 210-832
Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white



Item No.: 210-834
Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white

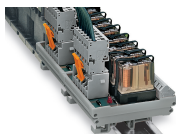
Installation Notes

Installation

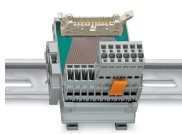


Cutout
Male headers with solder pins

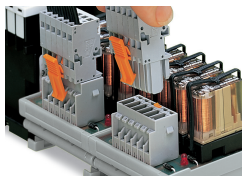
Application



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.

