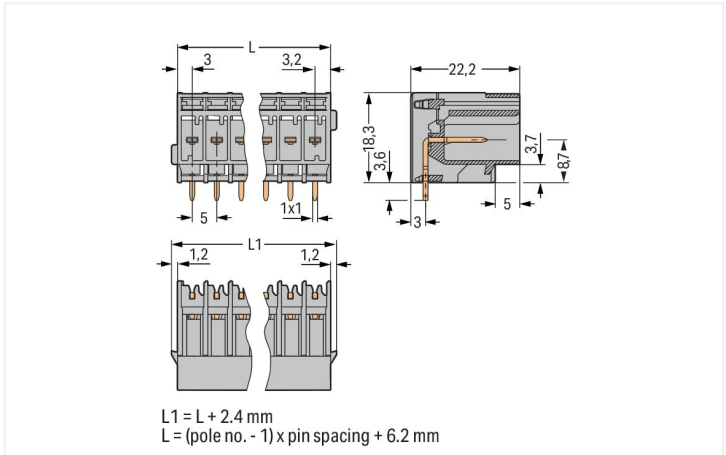




Color: ■ gray

Similar to illustration



Dimensions in mm

Electrical data

Ratings per IEC/EN	
Nominal voltage (III/3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated voltage (III/2)	500 V
Rated surge 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	7	Connection 1	
Number of levels	1	Pole number	7
Preceding contacts	No		

Physical data

Pin spacing	5 mm / 0.197 inches
Width	38.6 mm / 1.52 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	0.201 MJ	
Weight	7.8 g	

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

Commercial data		
Product Group	18 (X-COM-System)	
eCl@ss 10.0	27-44-04-02	
eCl@ss 9.0	27-44-04-02	
ETIM 8.0	EC002637	
ETIM 7.0	EC002637	
PU (SPU)	50 pcs	
Packaging type	Box	
Country of origin	PL	
GTIN	4044918760416	
Customs tariff number	85366930000	

Environmental Product Compliance		
RoHS Compliance Status	Compliant, No Exemption	

Approvals / Certificates			
General approvals		General approvals	
		KEMA/KEUR	EN 60947
		DEKRA Certification B.V.	2190419.01
		UL	UL 1977
		Underwriters Laboratories Inc.	E 45171
		UR	UL 1059
		Underwriters Laboratories Inc.	E45172
Approval	Standard	Certificate Name	
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626	
CCA DEKRA Certification B.V.	EN 61984	2190419.02	
CCA DEKRA Certification B.V.	IEC 61984	NL-47799/A1	
CSA CSA Group	C22.2	1101144	



Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

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 769-667

Documentation

Additional Information
Technical Section

pdf
2246.92 KB



Bid Text
769-667
19.02.2019
xml 2.97 KB
769-667
04.10.2017
doc 25.00 KB



CAD/CAE-Data

CAD data
2D/3D Models 769-667



CAE data
ZUKEN Portal 769-667



PCB Design
Symbol and Footprint via SamacSys 769-667
Symbol and Footprint via Ultra Librarian 769-667



1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



Item No.: 769-107
1-conductor female connector; CAGE
CLAMP®; 4 mm²; Pin spacing 5 mm; 7-po-
le; coding finger; 4,00 mm²; gray

Item No.: 769-107/021-000
1-conductor female connector; CAGE
CLAMP®; 4 mm²; Pin spacing 5 mm; 7-po-
le; coding finger; Lateral locking levers;
4,00 mm²; gray

Item No.: 769-127
2-conductor female connector; CAGE
CLAMP®; 4 mm²; Pin spacing 5 mm; 7-po-
le; 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



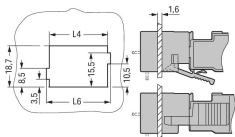
Item No.: 210-832
Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white



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

Installation Notes

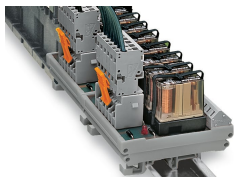
Installation



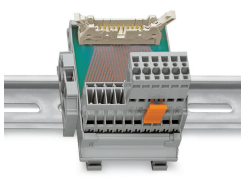
L6 = L4 + 2.6 mm
L4 = pole no. x pin spacing + 1.7 mm

Cutout
Male headers with solder pins

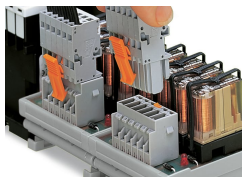
Application



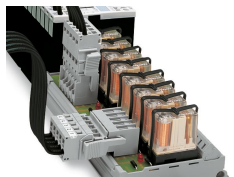
Male headers with straight solder pins and 1-conductor female plugs (picture shows a relay module)



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.