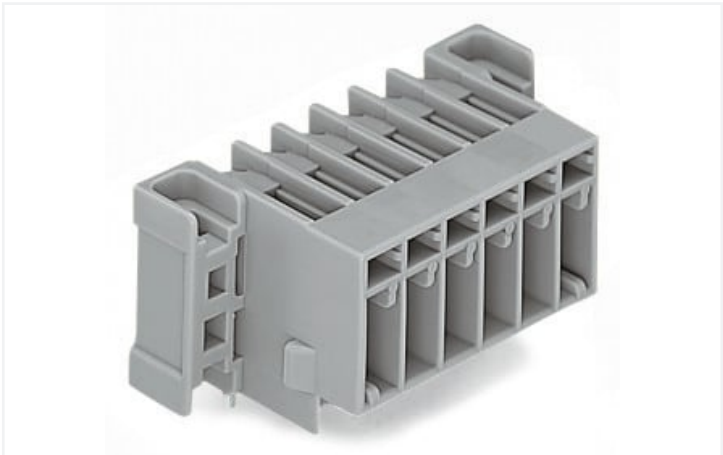
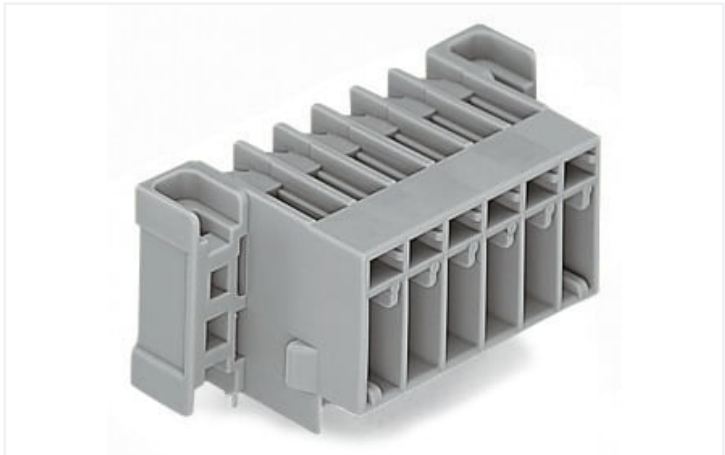




Color: ■ gray



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 impulse 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	6
Number of levels	1
Preceding contacts	No

Connection 1	
Pole number	6

Physical data

Pin spacing	5 mm / 0.197 inches
Width	44.7 mm / 1.76 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	Mounting flange
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	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.257 MJ
Weight	7.5 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	4044918396783
Customs tariff number	85366930000

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption



Approvals / Certificates

General approvals



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
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

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 769-666/003-000



Documentation

Bid Text			
769-666/003-000	19.02.2019	xml 3.02 KB	
769-666/003-000	04.10.2017	doc 25.00 KB	



CAD/CAE-Data	
CAD data 2D/3D Models 769-666/003-000 ↓	CAE data ZUKEN Portal 769-666/003-000 ↓

PCB Design	
Symbol and Footprint via SamacSys 769-666/003-000 ↓	Symbol and Footprint via Ultra Librarian 769-666/003-000 ↓

1 Compatible Products
1.1 System counterpart
1.1.1 Female connector/socket



Item No.: 769-106 1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 6-pole; coding finger; 4,00 mm²; gray	Item No.: 769-106/021-000 1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 6-pole; coding finger; Lateral locking levers; 4,00 mm²; gray	Item No.: 769-126 2-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 6-pole; coding finger; 4,00 mm²; gray
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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

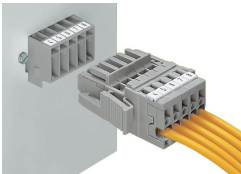
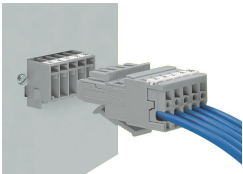
1.2.2 Marking
1.2.2.1 Marking strip



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
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Installation Notes

Application



Male header with mounting flanges
1-conductor female plug with bottom-mount locking levers

Male header with mounting flanges
1-conductor female plug with lateral locking levers