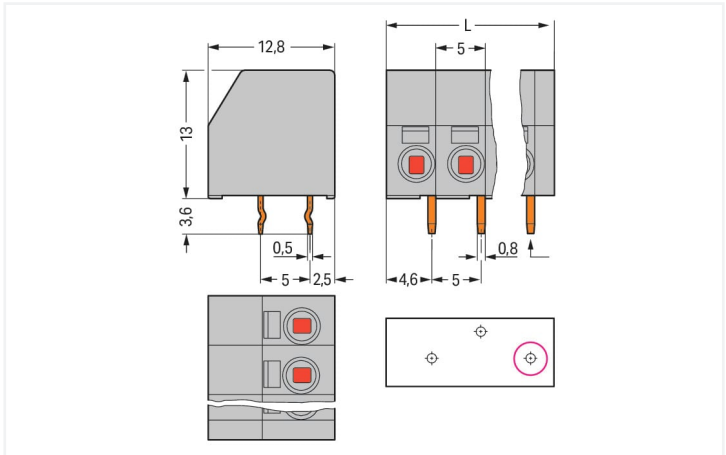
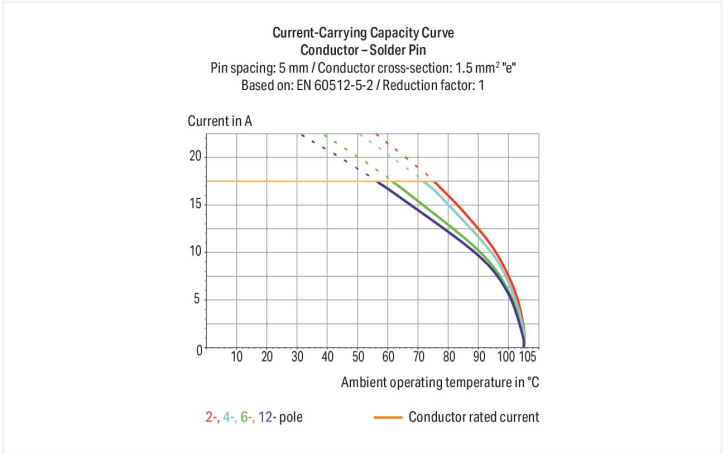


Color: gray

Similar to illustration



Dimensions in mm
L = (pole no. x pin spacing) + 2 mm
First solder pin, front right (red circle)



- PCB terminal strips with screwdriver-actuated PUSH WIRE® termination
- Double-conductor connection provides top-entry (vertical) and/or side-entry (horizontal) wiring
- Push-in termination of solid conductors
- Double entries for power supply and potential distribution

Notes	
Variants:	Other pole numbers Other colors Mixed-color PCB connector strips Direct marking Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/ .

Electrical data			
Ratings per IEC/EN		Ratings per IEC/EN	
Ratings per	IEC/EN 60664-1	Rated current	17.5 A
Nominal voltage (III/3)	320 V	Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2
Rated impulse voltage (III/3)	4 kV		
Rated voltage (III/2)	320 V		
Rated impulse voltage (III/2)	4 kV		
Nominal voltage (II/2)	630 V		
Rated surge voltage (II/2)	4 kV		



Ratings per UL 1059	
Approvals per	UL 1059
Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	8 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	5 A

Ratings per CSA	
Approvals per	CSA
Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	8 A
Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	5 A

Connection data

Connection points	10
Total number of potentials	5
Number of connection types	2
Number of levels	1

Connection 1	
Connection type 1	PUSH WIRE® connection
Connection technology	PUSH WIRE®
Number of connection points	1
Actuation type	Operating tool
Solid conductor	0.5 ... 1.5 mm² / 20 ... 16 AWG
Strip length	8.5 ... 9.5 mm / 0.33 ... 0.37 inches
Note (strip length)	7 ... 8 mm / 0.28 ... 0.31 inch (for wiring on both sides)
Conductor connection direction to PCB	0 °
Pole number	5

Connection 2	
Connection type 2	PUSH WIRE® connection
Connection technology 2	PUSH WIRE®
Number of connection points 2	1
Solid conductor 2	0.5 ... 1.5 mm² / 20 ... 16 AWG
Strip length 2	8.5 ... 9.5 mm / 0.33 ... 0.37 inches
Note (strip length) 2	7 ... 8 mm / 0.28 ... 0.31 inch (for wiring on both sides)
Conductor connection direction to PCB 2	90 °

Physical data

Pin spacing	5 mm / 0.197 inches
Width	27 mm / 1.063 inches
Height	16.6 mm / 0.654 inches
Height from the surface	13 mm / 0.512 inches
Depth	12.8 mm / 0.504 inches
Solder pin length	3.6 mm
Solder pin dimensions	0.5 x 0.8 mm
Drilled hole diameter with tolerance	1.1 ^(+0.1) mm

PCB contact

PCB contact	THT
Solder pin arrangement	over the entire terminal strip (staggered)
Number of solder pins per potential	1



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
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{Cu})
Contact plating	Tin
Fire load	0.095 MJ
Weight	4.5 g

Environmental requirements	
Limit temperature range	-60 ... +105 °C

Commercial data	
Product Group	4 (Printed Circuit Connectors)
eCl@ss 10.0	27-44-04-01
eCl@ss 9.0	27-44-04-01
ETIM 8.0	EC002643
ETIM 7.0	EC002643
PU (SPU)	160 (40) pcs
Packaging type	Box
Country of origin	CN
GTIN	4044918689298
Customs tariff number	85369010000

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7649
CCA DEKRA Certification B.V.	EN 60998	NTR NL 6580
CCA DEKRA Certification B.V.	EN 60998	2126302.02
cULus Underwriters Laboratories Inc.	UL 1059	E45172
ENEC DEKRA Certification B.V.	EN 60947	71-101931
UL UL International Germany GmbH	UL 1977	E45171



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 253-105

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Documentation

Additional Information

Technical Section

03.04.2019

pdf

1949.09 KB

↓

CAD/CAE-Data

CAD data

2D/3D Models 253-105

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CAE data

EPLAN Data Portal 253-105

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ZUKEN Portal 253-105


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1 Compatible Products


1.1 Optional Accessories

1.1.1 Marking


1.1.1.1 Marking strip




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




Item No.: 210-332/500-202
Marking strips; as a DIN A4 sheet; MARKED; 1-16 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white



Item No.: 210-332/500-205
Marking strips; as a DIN A4 sheet; MARKED; 1-32 (80x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white



Item No.: 210-332/500-204
Marking strips; as a DIN A4 sheet; MARKED; 17-32 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white



Item No.: 210-332/500-206
Marking strips; as a DIN A4 sheet; MARKED; 33-48 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

1.1.2 Tool

1.1.2.1 Operating tool



Item No.: 210-719
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft



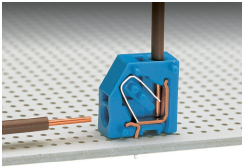
Item No.: 210-648
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short



Item No.: 210-647
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured

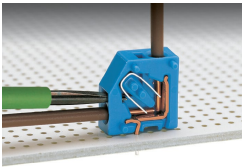
Installation Notes

Conductor termination



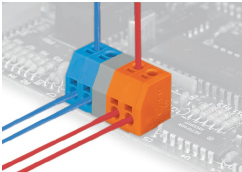
Inserting a conductor via push-in termination.

Conductor removal



Removing a conductor via 2.5 mm screwdriver.

Installation



Mixed-color terminal strips (with or without spacer) are available upon request.