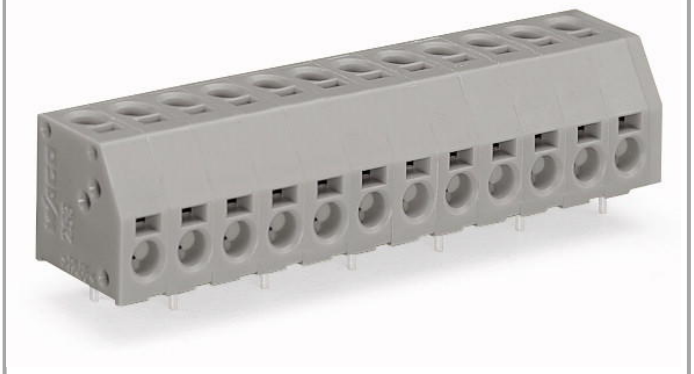
2-conductor PCB terminal block; 1.5 mm²; Pin spacing 5 mm; 15-pole; PUSH WIRE®

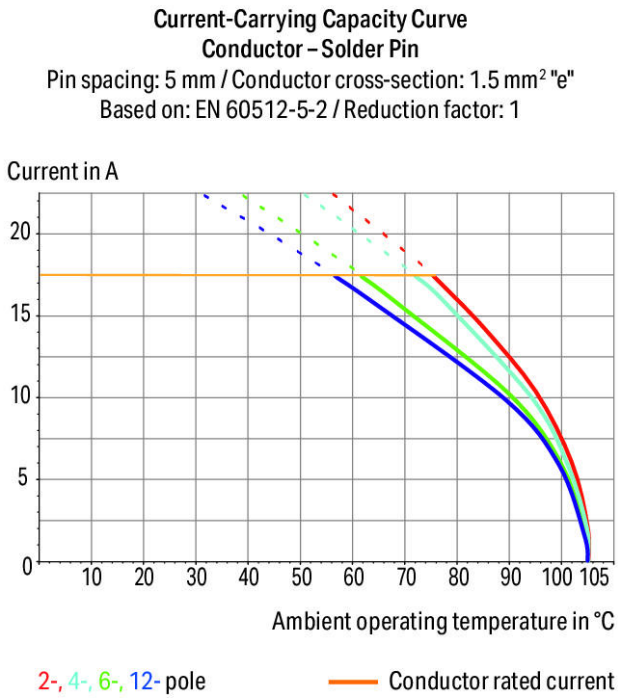
www.wago.com/253-115



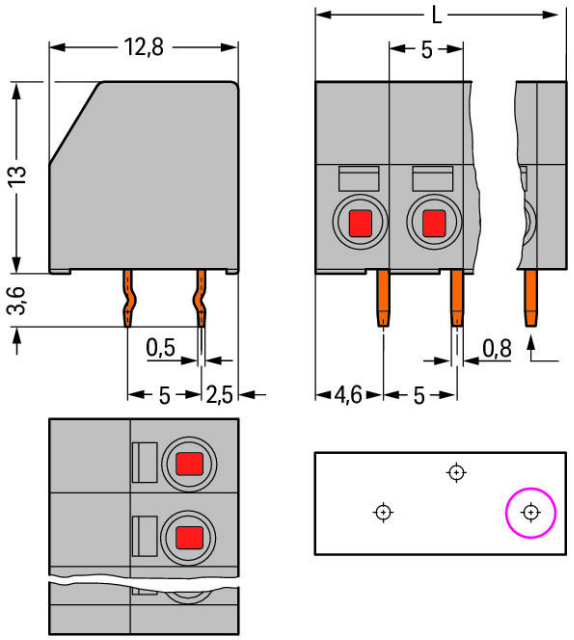
RoHS ✓ Compliant

BOMcheck.net

Color:



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L = (pole no. x pin spacing) + 2 mm

First solder pin, front right (red circle)

Item description

- PCB terminal strips with PUSH WIRE® connection and screwdriver actuation
- 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

Other variants can be requested via the WAGO sales department or, if necessary, configured at https://configurator.wago.com/: Direct marking, Mixed-color terminal strips,Other colors,Other pole numbers

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	320 V
Rated impulse voltage (III / 3)	4 kV
Rated voltage (III / 2)	320 V
Rated impulse voltage (III / 2)	4 kV
Rated voltage (II / 2)	630 V
Rated impulse voltage (II / 2)	4 kV

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Rated current	17.5 A
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

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)	8 A

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)	8 A

Connection data

Connection type (1)	PUSH WIRE® connection
Connection technology	PUSH WIRE®
Number of connection points (connection type)	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 Inch
Note (strip length)	7 … 8 mm / 0.28 … 0.31 in. (for wiring on both sides)
Conductor entry angle to the PCB	0 °
Connection type (2)	PUSH WIRE® connection
Connection technology 2	PUSH WIRE®
Number of connection points	1
Solid conductor (2)	0.5 … 1.5 mm² / 20 … 16 AWG
Strip length (2)	8.5 … 9.5 mm / 0.33 … 0.37 Inch
Note (strip length) 2	7 … 8 mm / 0.28 … 0.31 in. (for wiring on both sides)
No. of poles	15
Number of levels	2
Total number of connection points	30
Total number of potentials	15
Number of connection types	2
Conductor entry angle to the PCB 2	90 °

Geometrical Data

Pin spacing	5 mm (0.197 inch)

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Width	77 mm / 3.031 inch
Height	16.6 mm / 0.654 inch
Height from the surface	13 mm / 0.512 inch
Depth	12.8 mm / 0.504 inch
Solder pin length	3.6 mm
Solder pin dimensions	0.5 x 0.8 mm
Drilled hole diameter (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

Color	gray
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated
Fire load	0.265 MJ
Weight	12.934 g

Environmental Requirements

Limit temperature range	-60 … +105 °C

Commercial data

Country of origin	CN
GTIN	4017332649759
Product Group	4 (Printed Circuit)

Approvals / Certificates

Country specific Approvals

Logo	Approval	Certificate name
CCA	**CCA** DEKRA Certification B.V.	NTR NL-7122
	CCA	NTR NL 6580

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	DEKRA Certification B.V.	
	CCA DEKRA Certification B.V.	2126302.02
	ENEC DEKRA Certification B.V.	2160584.27
	VDE VDE Prüf- und Zertifizierungsinstitut	40028668

UL-Approvals

Logo	Approval	Certificate name
	cURus Underwriters Laboratories Inc.	E45172 sec. 6
	UL UL International Germany GmbH	E45171

Compatible products

Marking accessories

	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	www.wago.com/210-332/500-202
	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	www.wago.com/210-332/500-204
	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	www.wago.com/210-332/500-205
	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	www.wago.com/210-332/500-206
	Item no.: 210-833 Marking strips; on reel; 6 mm wide; plain; Self-adhesive	www.wago.com/210-833

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tools

	Item no.: 210-647 Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short	www.wago.com/210-647
	Item no.: 210-648 Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short; angled	www.wago.com/210-648
	Item no.: 210-719 Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm	www.wago.com/210-719

Downloads

CAD files

CAD data

3D Download 253-115		URL	Download

PCB libraries

TARGET Library for WAGO PCB Terminal Blocks Compatible with TARGET PCB Design Software Version 17.x	1.1.0 Oct 6, 2014	ZIP 27.1 MB	Download
DesignSpark Library for WAGO PCB Terminal Blocks Compatible with DesignSpark PCB Version 4.x or higher	2.1 Oct 6, 2014	ZIP 22.5 MB	Download
EAGLE Library for WAGO PCB Terminal Blocks Compatible with EAGLE PCB Design Software Version 6.x or higher	2.1 Nov 17, 2017	ZIP 23.9 MB	Download

Subject to changes.

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Do you have any questions about our products?
We are always happy to take your call at {0}.

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