



Data sheet | Item number: 2000-5417

4-conductor sensor terminal block; for PNP (positive) switching sensors; with ground contact; with colored conductor entries; 1 mm²; Push-in CAGE CLAMP®; 1,00 mm²; gray

www.wago.com/2000-5417

Item description

3.5 mm spacing per signal (2 x 3.5 mm = 7 mm)

The double spacing per pole of this terminal block series maximizes connectivity. For example, ten sensors may be connected using only five sensor terminal blocks plus a power supply terminal block.

Data

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60947-7-1
Nominal voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated current	13.5 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Ratings per UL

Approvals per	UL 1059
Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	15 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	15 A

Ratings per CSA

Approvals per	C22.2 No 158
Rated voltage CSA (Use Group C)	300 V
Rated current CSA (Use Group C)	10 A

Connection data

Connection technology	Push-in CAGE CLAMP®
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Subject to changes. Please also observe the further product documentation!

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Actuation type	Push-in Open Tool Slot
Connectable conductor materials	Copper
Nominal cross-section	1 mm ²
Solid conductor	0.14 ... 1.5 mm ² / 24 ... 16 AWG
Solid conductor; push-in termination	0.5 ... 1.5 mm ² / 20 ... 16 AWG
Fine-stranded conductor	0.14 ... 1.5 mm ² / 24 ... 16 AWG
Fine-stranded conductor; with insulated ferrule	0.14 ... 0.75 mm ² / 24 ... 18 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.5 ... 0.75 mm ² / 20 ... 18 AWG
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination.
Strip length	9 ... 11 mm / 0.35 ... 0.43 inch
Total number of connection points	10
Total number of potentials	5
Number of levels	4
Wiring type	Front-entry wiring
Number of jumper slots	5

Physical data

Width	7 mm / 0.276 inch
Height	97.3 mm / 3.831 inch
Depth from upper edge of DIN-rail	52.4 mm / 2.063 inch

Mechanical data

Design	horizontal type
Mounting type	DIN-35 rail
Marking level	Center/side marking

Material data

Color	gray
Insulation material	Polyamide (PA66)
Fire load	0.313 MJ
Weight	20.3 g

Approvals / Certificates**Country specific Approvals**

Certificate


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Logo	Approval	Additional Approval Text	name
	CCA DEKRA Certification B.V.	EN 60947	71- 102841

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UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	UL 1059	20190930- E45172

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