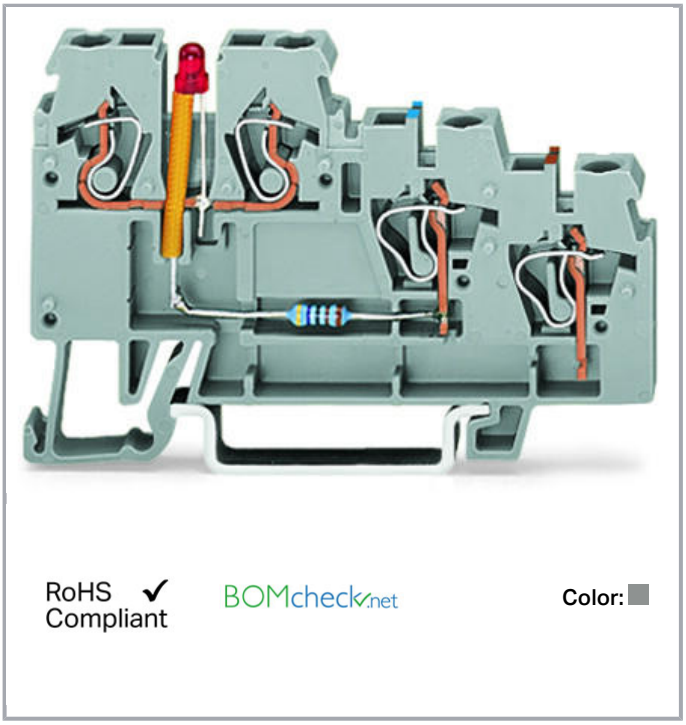
3-conductor sensor terminal block; LED (red); for PNP-(high-side) switching sensors; with colored conductor entries; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

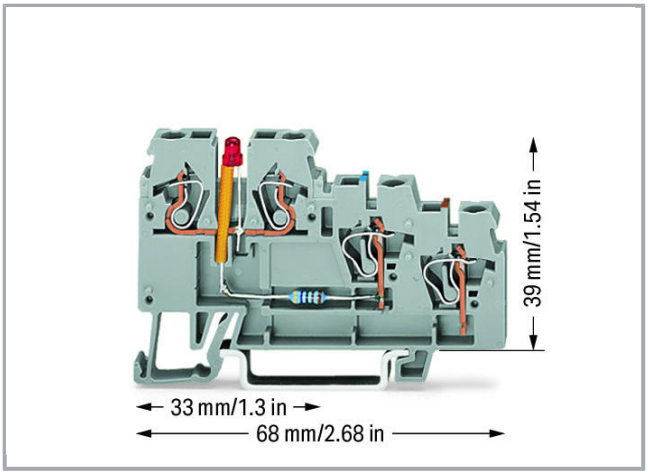
www.wago.com/270-560/281-434

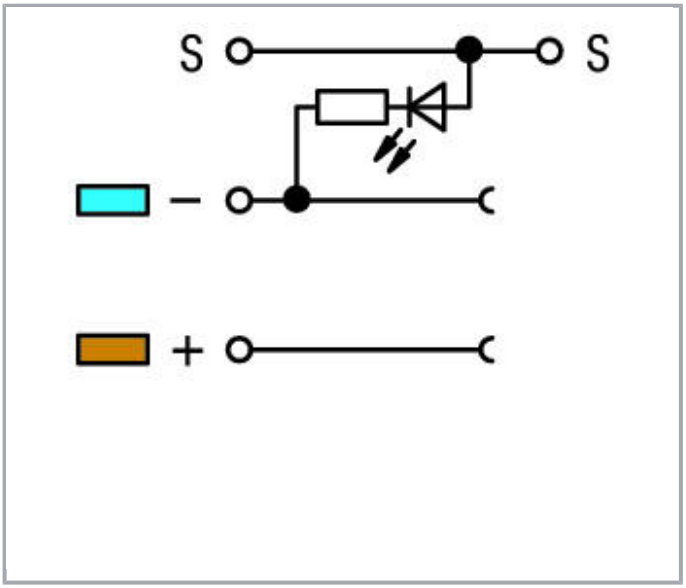


RoHS ✓ Compliant

BOMcheck.net

Color:





Item description

Subject to changes. Please also observe the further product documentation!

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Safety information 1:
LED power consumption: 4.8 mA

Data

Electrical data

Voltage type 1	DC
Nominal voltage	24 V

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	0,08 … 2,5 mm² / 28 … 12 AWG
Fine-stranded conductor	0,08 … 2,5 mm² / 28 … 12 AWG
Strip length	6 … 7 mm / 0.24 … 0.28 inch
Total number of connection points	4
Total number of potentials	3
Number of levels	3
Wiring type	Front-entry wiring
Note (conductor cross-section)	12 AWG: THHN, THWN

Geometrical Data

Width	5 mm / 0.197 inch
Height from upper-edge of DIN-rail	39 mm / 1.535 inch
Depth	68 mm / 2.677 inch

Mechanical data

Design	horizontal type
Mounting type	DIN-35 rail
Marking level	Side marking

Material Data

Color	gray
Fire load	0.178 MJ
Weight	10.1 g

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Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
Packaging type	BOX
Country of origin	CN
GTIN	4050821286493
Customs tariff number	85369010000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL 6828
	CCA DEKRA Certification B.V.	EN 60947	2143311.03
	CSA DEKRA Certification B.V.	C22.2	1565649

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR Underwriters Laboratories Inc.	UL 1059	20190731-E45172

Counterpart

Compatible products

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Jumper

	**Item no.: 270-409** Jumper; unplated; 9-way; Nominal current 18 A; silver-colored	www.wago.com/270-409
	**Item no.: 270-417** Jumper; unplated; 17-way; Nominal current 18 A; silver-colored	www.wago.com/270-417
	**Item no.: 270-480** Jumper; unplated; 80-way; Nominal current 18 A; silver-colored	www.wago.com/270-480

Marking accessories

	**Item no.: 2009-115** WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	www.wago.com/2009-115
	**Item no.: 2009-115/000-002** WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	www.wago.com/2009-115/000-002
	**Item no.: 2009-115/000-006** WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue	www.wago.com/2009-115/000-006
	**Item no.: 2009-115/000-007** WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	www.wago.com/2009-115/000-007
	**Item no.: 2009-115/000-012** WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange	www.wago.com/2009-115/000-012
	**Item no.: 2009-115/000-017** WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green	www.wago.com/2009-115/000-017
	**Item no.: 2009-115/000-023** WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	www.wago.com/2009-115/000-023
	**Item no.: 2009-115/000-024** WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	www.wago.com/2009-115/000-024
	**Item no.: 2009-145** Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	www.wago.com/2009-145
	**Item no.: 2009-145/000-002** Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	www.wago.com/2009-145/000-002
	Item no.: 2009-145/000-005	

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	Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red	www.wago.com/2009-145/000-005
	Item no.: 2009-145/000-006 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue	www.wago.com/2009-145/000-006
	Item no.: 2009-145/000-007 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	www.wago.com/2009-145/000-007
	Item no.: 2009-145/000-012 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange	www.wago.com/2009-145/000-012
	Item no.: 2009-145/000-023 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	www.wago.com/2009-145/000-023
	Item no.: 2009-145/000-024 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	www.wago.com/2009-145/000-024
	Item no.: 248-501 Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	www.wago.com/248-501
	Item no.: 248-501/000-002 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow	www.wago.com/248-501/000-002
	Item no.: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red	www.wago.com/248-501/000-005
	Item no.: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue	www.wago.com/248-501/000-006
	Item no.: 248-501/000-007 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray	www.wago.com/248-501/000-007
	Item no.: 248-501/000-012 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange	www.wago.com/248-501/000-012
	Item no.: 248-501/000-017 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green	www.wago.com/248-501/000-017

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	**Item no.: 248-501/000-023** Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green	www.wago.com/248-501/000-023
	**Item no.: 248-501/000-024** Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet	www.wago.com/248-501/000-024
	**Item no.: 709-177** Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent	www.wago.com/709-177
	**Item no.: 709-178** Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white	www.wago.com/709-178
	Item no.: 709-196 Marking strips; for laser printer; translucent	www.wago.com/709-196
	Item no.: 709-198 Marking strips; white	www.wago.com/709-198
	Item no.: 793-501 WMB marking card; as card; not stretchable; plain; snap-on type; white	www.wago.com/793-501
	**Item no.: 793-501/000-002** WMB marking card; as card; not stretchable; plain; snap-on type; yellow	www.wago.com/793-501/000-002
	**Item no.: 793-501/000-005** WMB marking card; as card; not stretchable; plain; snap-on type; red	www.wago.com/793-501/000-005
	**Item no.: 793-501/000-006** WMB marking card; as card; not stretchable; plain; snap-on type; blue	www.wago.com/793-501/000-006
	**Item no.: 793-501/000-007** WMB marking card; as card; not stretchable; plain; snap-on type; gray	www.wago.com/793-501/000-007
	**Item no.: 793-501/000-012** WMB marking card; as card; not stretchable; plain; snap-on type; orange	www.wago.com/793-501/000-012
	**Item no.: 793-501/000-017** WMB marking card; as card; not stretchable; plain; snap-on type; light green	www.wago.com/793-501/000-017
	**Item no.: 793-501/000-023** WMB marking card; as card; not stretchable; plain; snap-on type; green	www.wago.com/793-501/000-023
	**Item no.: 793-501/000-024** WMB marking card; as card; not stretchable; plain; snap-on type; violet	www.wago.com/793-501/000-024

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	Item no.: 793-5501 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white	www.wago.com/793-5501
	**Item no.: 793-5501/000-002** WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	www.wago.com/793-5501/000-002
	**Item no.: 793-5501/000-005** WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red	www.wago.com/793-5501/000-005
	**Item no.: 793-5501/000-006** WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue	www.wago.com/793-5501/000-006
	**Item no.: 793-5501/000-007** WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray	www.wago.com/793-5501/000-007
	**Item no.: 793-5501/000-012** WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange	www.wago.com/793-5501/000-012
	**Item no.: 793-5501/000-017** WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green	www.wago.com/793-5501/000-017
	**Item no.: 793-5501/000-023** WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green	www.wago.com/793-5501/000-023
	**Item no.: 793-5501/000-024** WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet	www.wago.com/793-5501/000-024

tools

	**Item no.: 210-657** Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short	www.wago.com/210-657
	**Item no.: 210-720** Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft	www.wago.com/210-720

Insulation stop

	**Item no.: 280-470** Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white	www.wago.com/280-470
	**Item no.: 280-471** Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray	www.wago.com/280-471
	**Item no.: 280-472** Insulation stop; 0.75 - 1 mm²; 5 pieces/strip	www.wago.com/280-472

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ferrule

	Item no.: 216-121 Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated	www.wago.com/216-121
	Item no.: 216-122 Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated	www.wago.com/216-122
	Item no.: 216-123 Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated	www.wago.com/216-123
	Item no.: 216-124 Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated	www.wago.com/216-124
	Item no.: 216-131 Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated	www.wago.com/216-131
	Item no.: 216-132 Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated	www.wago.com/216-132
	Item no.: 216-221 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white	www.wago.com/216-221
	Item no.: 216-222 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray	www.wago.com/216-222
	Item no.: 216-223 Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red	www.wago.com/216-223
	Item no.: 216-224 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black	www.wago.com/216-224
	Item no.: 216-321 Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow	www.wago.com/216-321
	Item no.: 216-322 Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; green	www.wago.com/216-322

Downloads

Documentation

Bid Text

270-560/281-434 doc - Datei	May 31, 2017	doc 24.6 kB	Download
270-560/281-434 GAEB X81 - Datei	Feb 19, 2019	xml 3.3 kB	Download

Additional Information

Technical explanations	Apr 3, 2019	pdf	Download

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	2.1 MB

CAD/CAE-Data

CAD data

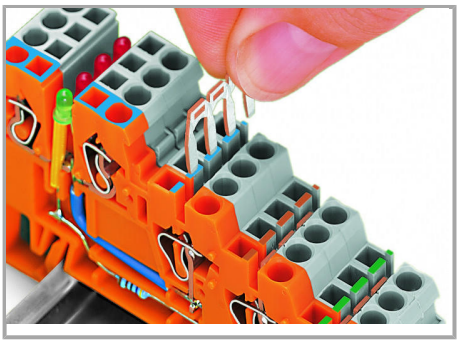
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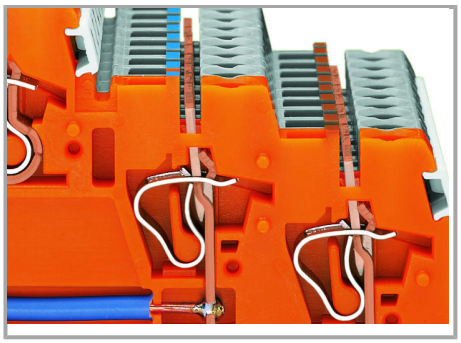
EPLAN Data Portal 270-560/281-434	URL	Download
WSCAD Universe 270-560/281-434	URL	Download

Handling Instructions

Commoning



Inserting a jumper.



Commoning a supply voltage using uninsulated push-in type jumper bars, 2- to 9-way or 17-way (2 x 8 bits), depending on application.

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