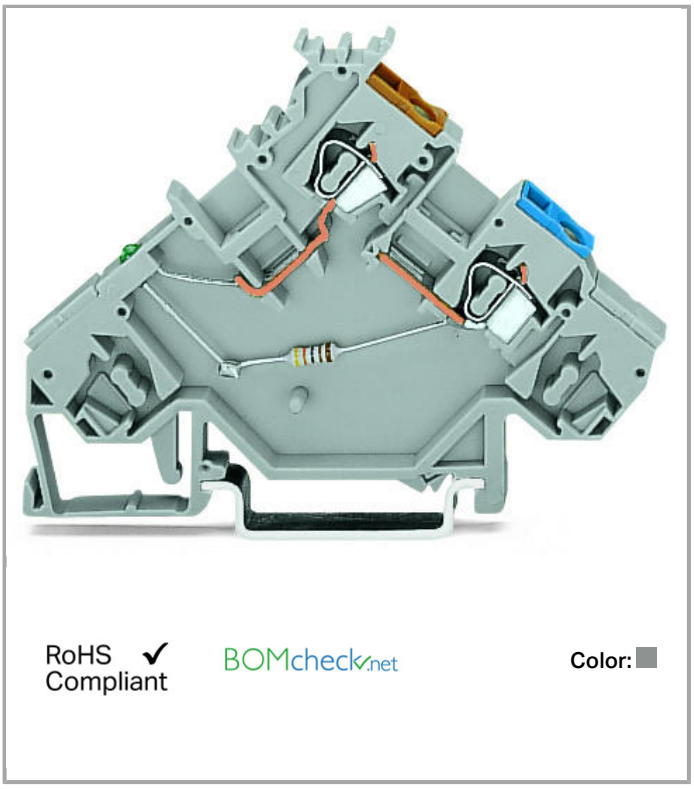
Data sheet | Item number: 280-564/281-483

3-conductor sensor supply terminal block; LED (green); for PNP-(high-side) switching sensors; Power supply from sensor side; with colored conductor entries; 2.5 mm²; CAGE CLAMP®

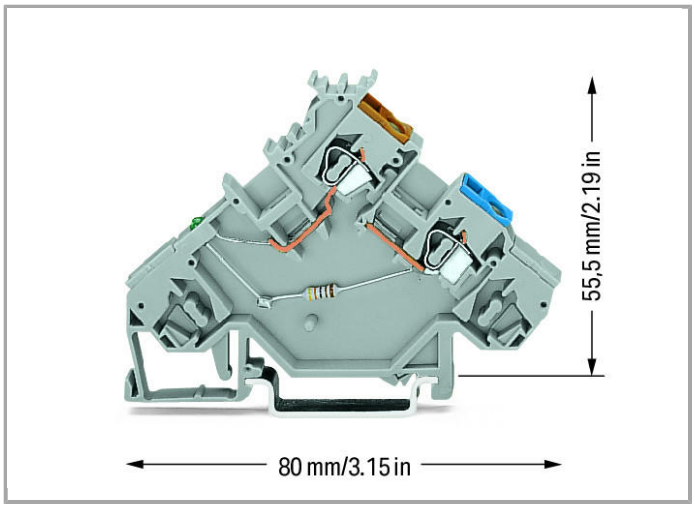
www.wago.com/280-564/281-483

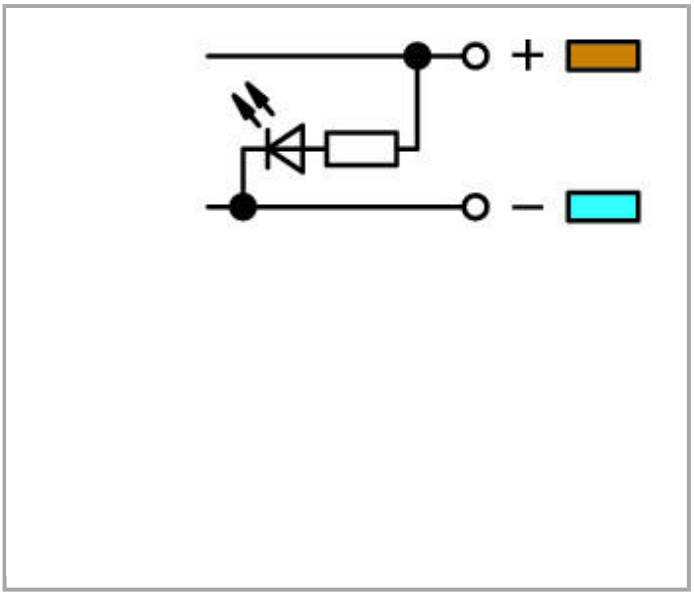


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Color:





Data

Electrical data

Voltage type (1)	DC

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Nominal voltage	24 V

Ratings per IEC/EN 60664-1

Rated current	20 A

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	8 … 9 mm / 0.31 … 0.35 Inch
Number of levels	3
Total number of connection points	2
Total number of potentials	2
Type of wiring	Front-entry wiring

Geometrical Data

Width	5 mm / 0.197 inch
Height from upper-edge of DIN-35 rail	55.5 mm / 2.185 inch
Depth	80 mm / 3.15 inch

Mechanical data

Design	angled
Type of mounting	DIN-35 rail
Marking level	Center marking

Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.179 MJ
Weight	8.3 g

Commercial data

Country of origin	DE
GTIN	4045454365707
Product Group	1 (Rail Mounted Terminal Blocks)

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Approvals / Certificates

Country specific Approvals

Logo	Approval	Certificate name
	CCA DEKRA Certification B.V.	2160584.53

Ship Approvals

Logo	Approval	Certificate name
	ABS American Bureau of Shipping	14-HG1293677-PDA

UL-Approvals

Logo	Approval	Certificate name
	UR Underwriters Laboratories Inc.	E45172

Compatible products

ferrule

	**Item no.: 216-101** Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated	www.wago.com/216-101
	**Item no.: 216-102** Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated	www.wago.com/216-102
	**Item no.: 216-103** Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated	www.wago.com/216-103
	**Item no.: 216-104** Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated	www.wago.com/216-104
	**Item no.: 216-201** Ferrule; Sleeve for 0.5 mm² / AWG 22; insulated; electro-tin plated	www.wago.com/216-201
	**Item no.: 216-202** Ferrule; Sleeve for 0.75 mm² / AWG 20; insulated; electro-tin plated	www.wago.com/216-202
	**Item no.: 216-203** Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated	www.wago.com/216-203
	**Item no.: 216-204** Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated	www.wago.com/216-204

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	**Item no.: 216-301** Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated	www.wago.com/216-301
	**Item no.: 216-302** Ferrule; Sleeve for 0.34 mm² / AWG 24; insulated; electro-tin plated	www.wago.com/216-302

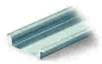
tools

	**Item no.: 210-657** Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short	www.wago.com/210-657
	**Item no.: 210-658** Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short; angled	www.wago.com/210-658
	**Item no.: 210-720** Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm	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	www.wago.com/280-470
	**Item no.: 280-471** Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip	www.wago.com/280-471
	**Item no.: 280-472** Insulation stop; 0.75 - 1 mm²; 5 pieces/strip	www.wago.com/280-472

Carrier rail

	**Item no.: 210-112** Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm	www.wago.com/210-112
	**Item no.: 210-113** Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715	www.wago.com/210-113
	**Item no.: 210-114** Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715	www.wago.com/210-114
	**Item no.: 210-115** Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm	www.wago.com/210-115
	**Item no.: 210-118** Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715	www.wago.com/210-118
	**Item no.: 210-196** Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715	www.wago.com/210-196
	**Item no.: 210-197** Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715	www.wago.com/210-197
	**Item no.: 210-198** Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715	www.wago.com/210-198
	**Item no.: 210-504** Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715	www.wago.com/210-504

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	**Item no.: 210-505** Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715	www.wago.com/210-505
	**Item no.: 210-506** Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715	www.wago.com/210-506
	**Item no.: 210-508** Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715	www.wago.com/210-508

assembling

	**Item no.: 709-154** Cover; Type 2; suitable for cover carrier, type 2; 1 m long	www.wago.com/709-154

Jumper

	**Item no.: 210-103** Wire commoning chain; insulated; 50 connections	www.wago.com/210-103
	**Item no.: 210-123** Wire commoning chain; insulated; 50 connections	www.wago.com/210-123
	**Item no.: 249-123** Push-in type wire jumper; insulated; wire length 180 mm; Conductor cross section 0.75 mm²	www.wago.com/249-123
	**Item no.: 249-125** Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 0.75 mm²	www.wago.com/249-125
	**Item no.: 249-126** Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 0.75 mm²	www.wago.com/249-126
	**Item no.: 249-127** Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 0.75 mm²	www.wago.com/249-127
	**Item no.: 280-402** Adjacent jumper; insulated; IN = IN terminal block	www.wago.com/280-402
	**Item no.: 280-482** Comb-style jumper bar; insulated; 2-way; IN = IN terminal block	www.wago.com/280-482
	**Item no.: 280-483** Comb-style jumper bar; insulated; 3-way; IN = IN terminal block	www.wago.com/280-483
	**Item no.: 280-484** Comb-style jumper bar; insulated; 4-way; IN = IN terminal block	www.wago.com/280-484
	**Item no.: 280-485** Comb-style jumper bar; insulated; 5-way; IN = IN terminal block	www.wago.com/280-485
	**Item no.: 280-490** Comb-style jumper bar; insulated; 10-way; IN = IN terminal block	www.wago.com/280-490
	**Item no.: 280-492** Alternate comb-style jumper bar; insulated; 2-way; IN = IN terminal block	www.wago.com/280-492
	**Item no.: 709-110** Wire commoning chain; insulated; 4 connections; 3 x 110 mm	www.wago.com/709-110
	Item no.: 709-111	

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	Wire commoning chain; insulated; 3 connections; 2 x 120 mm	www.wago.com/709-111
	**Item no.: 709-112** Wire commoning chain; insulated; 3 connections; 2 x 170 mm	www.wago.com/709-112
	**Item no.: 780-452** Staggered jumper; insulated; from 1 to 2; Spacing: 5 mm; suitable for 2-conductor female plugs	www.wago.com/780-452
	**Item no.: 780-453** Staggered jumper; insulated; from 1 to 3; Spacing: 5 mm; suitable for 2-conductor female plugs	www.wago.com/780-453
	**Item no.: 780-454** Staggered jumper; insulated; from 1 to 4; Spacing: 5 mm; suitable for 2-conductor female plugs	www.wago.com/780-454
	**Item no.: 780-455** Staggered jumper; insulated; from 1 to 5; Spacing: 5 mm; suitable for 2-conductor female plugs	www.wago.com/780-455
	**Item no.: 780-456** Staggered jumper; insulated; from 1 to 6; Spacing: 5 mm; suitable for 2-conductor female plugs	www.wago.com/780-456
	**Item no.: 780-457** Staggered jumper; insulated; from 1 to 7; Spacing: 5 mm; suitable for 2-conductor female plugs	www.wago.com/780-457
	**Item no.: 780-458** Staggered jumper; insulated; from 1 to 8; Spacing: 5 mm; suitable for 2-conductor female plugs	www.wago.com/780-458

End plate

	**Item no.: 280-319** End and intermediate plate; 1 mm thick; for triple-deck terminal blocks	www.wago.com/280-319
	**Item no.: 280-321** End and intermediate plate; 1 mm thick; for triple-deck terminal blocks	www.wago.com/280-321

Protective Warning Marker

	**Item no.: 280-415** Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	www.wago.com/280-415

Marking accessories

	**Item no.: 2009-115** WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/2009-115
	**Item no.: 2009-115/000-002** WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/2009-115/000-002
	**Item no.: 2009-115/000-006** WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/2009-115/000-006
	**Item no.: 2009-115/000-007** WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/2009-115/000-007

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	**Item no.: 2009-115/000-012** WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/2009-115/000-012
	**Item no.: 2009-115/000-017** WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/2009-115/000-017
	**Item no.: 2009-115/000-023** WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/2009-115/000-023
	**Item no.: 2009-115/000-024** WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/2009-115/000-024
	Item no.: 793-501 WMB marking card; as card; not stretchable; plain; snap-on type	www.wago.com/793-501
	**Item no.: 793-501/000-002** WMB marking card; as card; not stretchable; plain; snap-on type	www.wago.com/793-501/000-002
	**Item no.: 793-501/000-005** WMB marking card; as card; not stretchable; plain; snap-on type	www.wago.com/793-501/000-005
	**Item no.: 793-501/000-006** WMB marking card; as card; not stretchable; plain; snap-on type	www.wago.com/793-501/000-006
	**Item no.: 793-501/000-007** WMB marking card; as card; not stretchable; plain; snap-on type	www.wago.com/793-501/000-007
	**Item no.: 793-501/000-012** WMB marking card; as card; not stretchable; plain; snap-on type	www.wago.com/793-501/000-012
	**Item no.: 793-501/000-017** WMB marking card; as card; not stretchable; plain; snap-on type	www.wago.com/793-501/000-017
	**Item no.: 793-501/000-023** WMB marking card; as card; not stretchable; plain; snap-on type	www.wago.com/793-501/000-023
	**Item no.: 793-501/000-024** WMB marking card; as card; not stretchable; plain; snap-on type	www.wago.com/793-501/000-024
	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	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	www.wago.com/793-5501/000-002

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	**Item no.: 793-5501/000-005** WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/793-5501/000-005
	**Item no.: 793-5501/000-006** WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/793-5501/000-006
	**Item no.: 793-5501/000-007** WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/793-5501/000-007
	**Item no.: 793-5501/000-012** WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/793-5501/000-012
	**Item no.: 793-5501/000-017** WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/793-5501/000-017
	**Item no.: 793-5501/000-023** WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/793-5501/000-023
	**Item no.: 793-5501/000-024** WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/793-5501/000-024

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