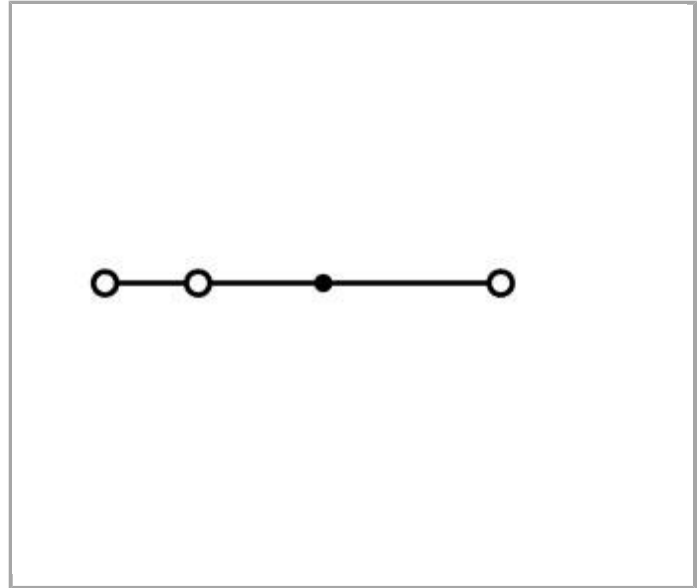
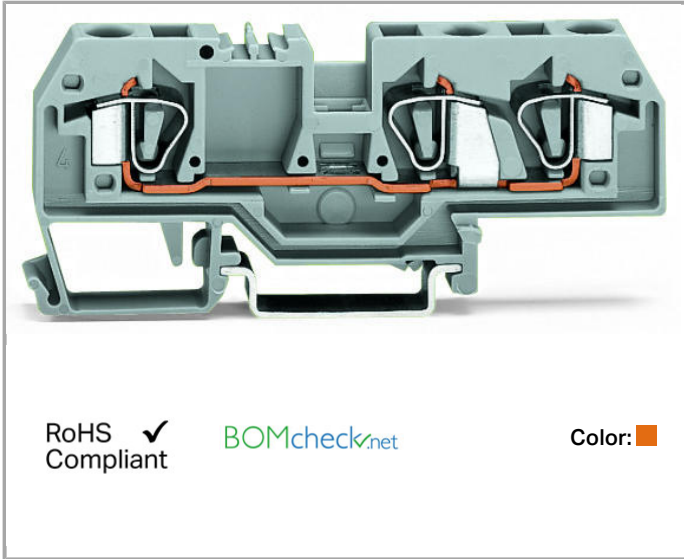


Data sheet | Item number: 282-682

3-conductor through terminal block; 6 mm²; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®



www.wago.com/282-682



Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	800 V
Rated impulse voltage (III / 3)	8 kV
Rated current	41 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper Aluminum
Solid conductor	0.2 ... 6 mm ² / 24 ... 10 AWG
Fine-stranded conductor	0.2 ... 6 mm ² / 24 ... 10 AWG
Strip length	12 ... 13 mm / 0.47 ... 0.51 Inch
Total number of connection points	3
Total number of potentials	1
Number of levels	1
Type of wiring	Front-entry wiring

Geometrical Data

Width	8 mm / 0.315 inch
Height from upper-edge of DIN-35 rail	32.5 mm / 1.28 inch
Depth	93 mm / 3.661 inch

Mechanical data

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

Material Data




Color	orange
Insulating material	Polyamide 66 (PA 66)
Fire load	0.335 MJ
Weight	21.45 g

Commercial data


Country of origin	DE
GTIN	4044918386135
Customs Tariff No.	85369010000


Approvals / Certificates

Country specific Approvals


Logo	Approval	Certificate name
	CCA DEKRA Certification B.V.	2195540.01
	CCA DEKRA Certification B.V.	NTR NL-7522
	CSA DEKRA Certification B.V.	1505033

Ship Approvals

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






BV	BV Bureau Veritas S.A.	07436/E0 BV
	LR Lloyds Register	91/20112 (E9)

UL-Approvals


Logo	Approval	Certificate name
	UL UL International Germany GmbH	E45172

Compatible products




General accessories

















	Item no.: 209-143 Group marker carrier	www.wago.com/209-143
	Item no.: 209-144 Group marker carrier	www.wago.com/209-144
	Item no.: 249-105 Group marker carrier	www.wago.com/249-105
	Item no.: 709-310 B-type test plug module; modular; suitable for all WAGO 282 Series rail-mounted terminal blocks with jumper slots	www.wago.com/709-310
	Item no.: 709-311 B-type spacer module; modular; e.g., for bridging commoned terminal blocks	www.wago.com/709-311

















tools

	Item no.: 210-721 Operating tool with partially insulated shaft; Type 3, blade (5.5 x 0.8) mm	www.wago.com/210-721
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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

	mm	
	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
	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
protection		
	Item no.: 282-415 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	www.wago.com/282-415
ferrule		
	Item no.: 216-262 Ferrule; Sleeve for 0.75 mm ² / AWG 20; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	www.wago.com/216-262
	Item no.: 216-263 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	www.wago.com/216-263
	Item no.: 216-264 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	www.wago.com/216-264
	Item no.: 216-266 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	www.wago.com/216-266
	Item no.: 216-267 Ferrule; Sleeve for 4 mm ² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	www.wago.com/216-267
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
	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.: 209-185 Adaptor	www.wago.com/209-185
	Item no.: 210-612 Marking strips; for self-marking; plain; Self-adhesive	www.wago.com/210-612
	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



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.: 793-5501/000-014
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

www.wago.com/793-5501/000-014



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

check



Item no.: 209-170
Test plug adapter; 8.3 mm wide; for 4 mm Ø test plugs; suitable for 1.5 mm² - 10 mm² tbs

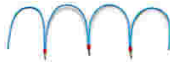
www.wago.com/209-170

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.: 282-402
Adjacent jumper; insulated; Nominal current 41 A

www.wago.com/282-402



Item no.: 282-409
Alternate jumper; insulated; Nominal current 41 A

www.wago.com/282-409



Item no.: 282-422
Adjacent jumper; insulated; Nominal current 41 A

www.wago.com/282-422



Item no.: 282-424
Adjacent jumper; insulated; Nominal current 41 A

www.wago.com/282-424



Item no.: 284-413
Step-down jumper; insulated; from 10/6 mm² to 6/4 mm²; Nominal current 30 A

www.wago.com/284-413



Item no.: 284-414
Step-down jumper; insulated; from 10/6 mm² to 4/2.5/1.5 mm²; Nominal current 15 A

www.wago.com/284-414



Item no.: 709-110
Wire commoning chain; insulated; 4 connections; 3 x 110 mm

www.wago.com/709-110



Item no.: 709-111
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

assembling



Item no.: 209-106
Mounting carrier; for isolated mounting on DIN 35 rails

www.wago.com/209-106



Item no.: 709-153
Cover; Type 1; suitable for cover carrier, type 1; 1 m long

www.wago.com/709-153

End plate



Item no.: 282-308
End and intermediate plate; 2.5 mm thick

www.wago.com/282-308



Item no.: 282-309
Separator plate; 2 mm thick; oversized

www.wago.com/282-309



Item no.: 282-339
End and intermediate plate; 2.5 mm thick

www.wago.com/282-339



Item no.: 282-340
Separator plate; 2 mm thick; oversized

www.wago.com/282-340



Item no.: 282-358
Step-down cover plate; 1 mm thick; in connection with 3-conductor 282-681 terminal blocks

www.wago.com/282-358



Item no.: 282-368
Step-down cover plate; 1 mm thick; in connection with 3-conductor 282-681 terminal blocks

www.wago.com/282-368



Downloads

Documentation

Bid Text

282-682	Oct 12, 2017	DOC 24.6 kB	Download
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smartDATA

CAD data

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Subject to changes.