

Data sheet | Item number: 2016-1307

3-conductor ground terminal block; 16 mm²; suitable for Ex e II applications;
side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE
CLAMP®



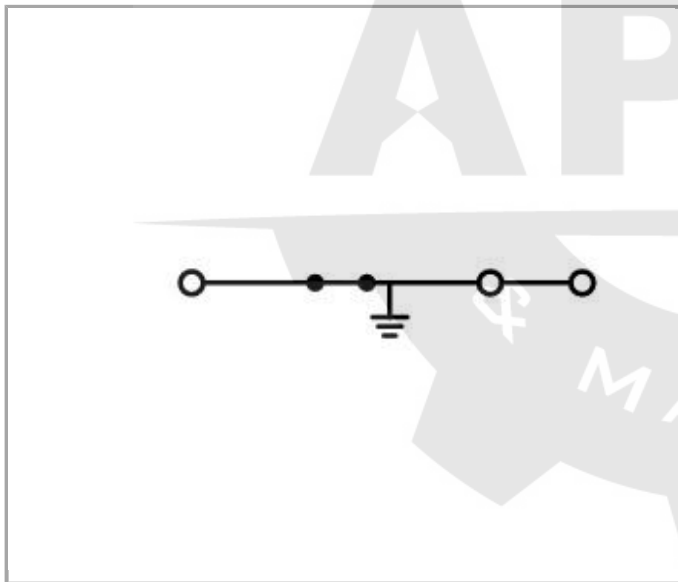
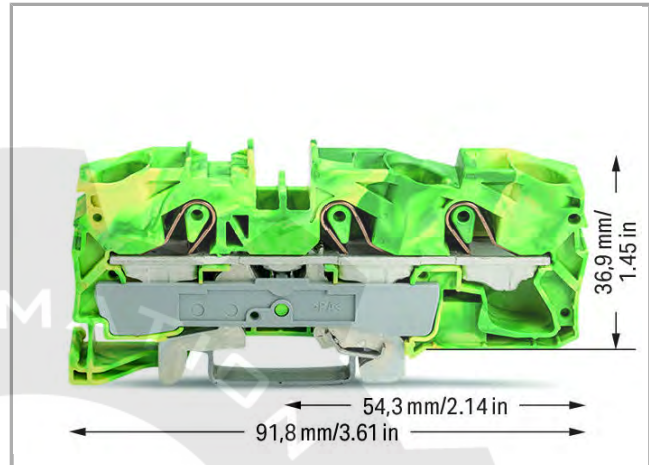
2016-1307



RoHS
Compliant

BOMcheck.net

Color:



Item description

Safety information 1:

DIN 35 rails, height 15 mm, must be used if the current load is higher than 76A!

Data

Connection data

Connection technology

Push-in CAGE CLAMP®

Actuation type	Push-in Open Tool Slot
Connectable conductor materials	Copper
Nominal cross section	16 mm ²
Solid conductor	0.5 ... 16 mm ² / 20 ... 6 AWG
Solid conductor, push-in termination	6 ... 16 mm ² / 14 ... 6 AWG
Fine-stranded conductor	0.5 ... 25 mm ² / 20 ... 4 AWG
Strip length	18 ... 20 mm / 0.71 ... 0.79 inch
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.
Total number of connection points	3
Total number of potentials	1
Number of levels	1
Type of wiring	Front-entry wiring

Geometrical Data

Width	12 mm / 0.472 inch
Height from upper-edge of DIN-35 rail	36.9 mm / 1.453 inch
Depth	91.8 mm / 3.622 inch

Mechanical data

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

Material Data

Color	green-yellow
Insulating material	Polyamide 66 (PA 66)
Fire load	0.454 MJ
Weight	46.231 g

Commercial data

Product Group	22 (TOPJOB S)
Country of origin	DE
GTIN	4017332077200
Customs Tariff No.	85369010000

Approvals / Certificates

Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
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AEx
UL International Germany GmbH c/o Physikalisch
Technische Bundesanstalt

UL 60079

E185892
sec.9



ATEX
Physikalisch Technische Bundesanstalt (PTB)

EN 60079

PTB 05
ATEX
1031 U (II
2 G Ex ell
bzw. I M2
Ex el)



IECEX
Physikalisch Technische Bundesanstalt (PTB)

IEC 60079

IECEX PTB
05.0015 U

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	2172580.01
	CCA DEKRA Certification B.V.	EN 60947	NTR NL- 7294
	CSA DEKRA Certification B.V.	C22.2 No. 158	1579112

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	14- HG1293677- PDA
	BV Bureau Veritas S.A.	EN 60947	38586/A0
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
	LR Lloyds Register	EN 60947	91/20112 (E9)



UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 1059	E45172

Compatible products

Jumper

	Item no.: 2016-402 Push-in type jumper bar; insulated; 2-way; Nominal current 76 A	2016-402
	Item no.: 2016-403 Push-in type jumper bar; insulated; 3-way; Nominal current 76 A	2016-403
	Item no.: 2016-404 Push-in type jumper bar; insulated; 4-way; Nominal current 76 A	2016-404
	Item no.: 2016-405 Push-in type jumper bar; insulated; 5-way; Nominal current 76 A	2016-405
	Item no.: 2016-405/011-000 Star point jumper; insulated; 3-way (1-3-5); IN = IN terminal block	2016-405 /011-000
	Item no.: 2016-433 Push-in type jumper bar; insulated; from 1 to 3; Nominal current 76 A	2016-433
	Item no.: 2016-434 Push-in type jumper bar; insulated; from 1 to 4; Nominal current 76 A	2016-434
	Item no.: 2016-435 Push-in type jumper bar; insulated; from 1 to 5; Nominal current 76 A	2016-435
	Item no.: 2016-499 Step-down jumper; insulated; from 16/10 mm ² to 10/6/4/2.5 mm ² ; Nominal current 57 A	2016-499



Item no.: 210-123

210-123

Wire commoning chain; insulated; 50 connections

tools



Item no.: 210-721

210-721

Operating tool with partially insulated shaft; Type 3, blade (5.5 x 0.8) mm

General accessories



Item no.: 2016-100

2016-100

Finger guard; touchproof cover protects unused conductor entries

check



Item no.: 2009-174

2009-174

Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks



Item no.: 2009-182

2009-182

Testing tap; for max. 2.5 mm²; tool-free connection for individual test wires 0.08 - 2.5 mm



Item no.: 2016-511

2016-511

Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole



Item no.: 2016-549

2016-549

Spacer module; modular; e.g., for bridging commoned terminal blocks

Marking accessories



Item no.: 2009-110

2009-110

Marking strips; on reel; not stretchable; plain; snap-on type



Item no.: 2009-115

2009-115

WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type



Item no.: 2009-115/000-002

2009-115

WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-002



Item no.: 2009-115/000-006

2009-115

WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-006



Item no.: 2009-115/000-007

2009-115

WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-007



Item no.: 2009-115/000-012

2009-115

WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-012



Item no.: 2009-115/000-017

2009-115

WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-017



Item no.: 2009-115/000-023

2009-115

WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-023



Item no.: 2009-115/000-024

2009-115

WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-024

	Item no.: 2009-145 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type		2009-145
	Item no.: 2009-145/000-002 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-002	2009-145
	Item no.: 2009-145/000-005 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-005	2009-145
	Item no.: 2009-145/000-006 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-006	2009-145
	Item no.: 2009-145/000-007 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-007	2009-145
	Item no.: 2009-145/000-012 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-012	2009-145
	Item no.: 2009-145/000-023 Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-023	2009-145
	Item no.: 2009-145/000-024 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-024	2009-145
	Item no.: 2009-191 Group marker carrier		2009-191
	Item no.: 2009-192 Group marker carrier		2009-192
	Item no.: 2009-193 Group marker carrier		2009-193
	Item no.: 2009-198 Adaptor		2009-198
	Item no.: 248-501 Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card		248-501
	Item no.: 248-501/000-002 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-002	248-501
	Item no.: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-005	248-501
	Item no.: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-006	248-501

**Item no.: 248-501/000-007**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-007

248-501

**Item no.: 248-501/000-012**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-012

248-501

**Item no.: 248-501/000-017**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-017

248-501

**Item no.: 248-501/000-023**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-023

248-501

**Item no.: 248-501/000-024**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-024

248-501

**Item no.: 793-501**

WMB marking card; as card; not stretchable; plain; snap-on type

793-501

**Item no.: 793-501/000-002**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-002

793-501

**Item no.: 793-501/000-005**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-005

793-501

**Item no.: 793-501/000-006**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-006

793-501

**Item no.: 793-501/000-007**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-007

793-501

**Item no.: 793-501/000-012**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-012

793-501

**Item no.: 793-501/000-017**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-017

793-501

**Item no.: 793-501/000-023**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-023

793-501

**Item no.: 793-501/000-024**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-024

793-501

**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

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

/000-002

793-5501



Item no.: 793-5501/000-005

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-005

793-5501



Item no.: 793-5501/000-006

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-006

793-5501



Item no.: 793-5501/000-007

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-007

793-5501



Item no.: 793-5501/000-012

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-012

793-5501



Item no.: 793-5501/000-017

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-017

793-5501



Item no.: 793-5501/000-023

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-023

793-5501



Item no.: 793-5501/000-024

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-024

793-5501

Protective Warning Marker



Item no.: 2016-115

Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks

2016-115

Carrier rail



Item no.: 210-114

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715

210-114



Item no.: 210-118

Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715

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

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

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

210-198

ferrule



Item no.: 216-210

Ferrule; Sleeve for 16 mm² / AWG 6; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-210

Item no.: 216-284

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight

216-284



crimped; acc. to DIN 46228, Part 4/09.90



Item no.: 216-286

Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-286



Item no.: 216-287

Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-287



Item no.: 216-288

Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-288



Item no.: 216-289

Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-289

End plate



Item no.: 2016-1391

End and intermediate plate; 1 mm thick

2016-1391



Item no.: 2016-1392

End and intermediate plate; 1 mm thick

2016-1392



Item no.: 209-191

Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide

209-191

Downloads

Documentation

Bid Text

2016-1307

Reihenklemmen, TOPJOB S

Apr 4, 2012

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Additional Information

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