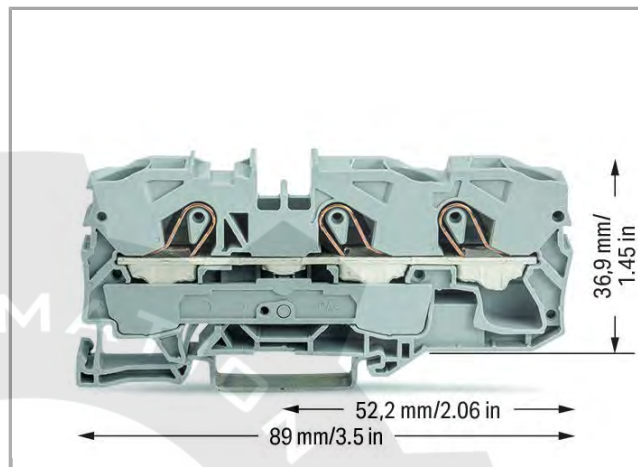
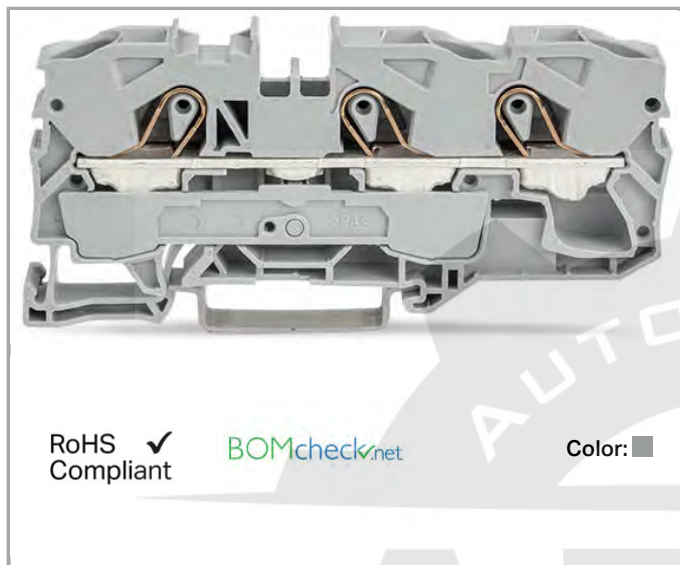


Data sheet | Item number: 2010-1301

3-conductor through terminal block; 10 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®



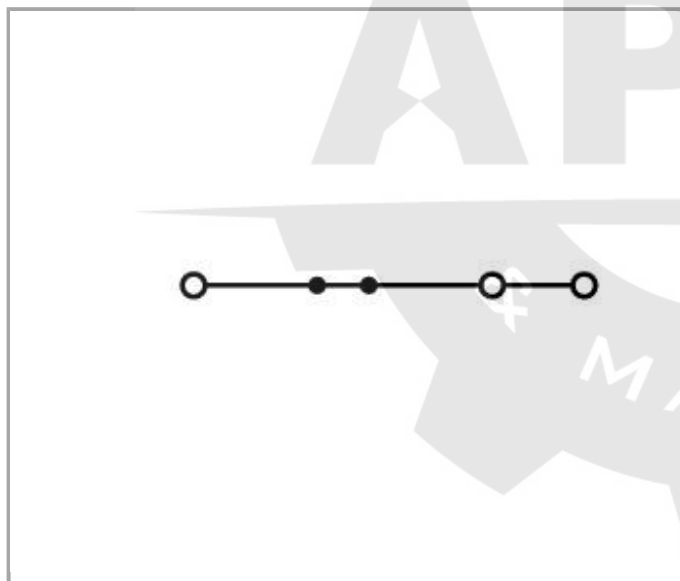
2010-1301



RoHS
Compliant

BOMcheck.net

Color: ■



Data

Electrical data

Rated voltage EN (Ex e II)	550 V
Rated current (Ex e II)	50 A

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	800 V
Rated impulse voltage (III / 3)	8 kV

Rated current	57 A
Rated current (2)	76 A

Approvals per UL 1059

Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	65 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	65 A

Approvals per CSA

Rated voltage CSA (Use Group B)	600 V
Rated current CSA (Use Group B)	65 A
Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group C)	65 A

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-in Open Tool Slot
Connectable conductor materials	Copper
Nominal cross section	10 mm²
Solid conductor	0.5 ... 16 mm² / 20 ... 6 AWG
Solid conductor, push-in termination	4 ... 16 mm² / 14 ... 6 AWG
Fine-stranded conductor	0.5 ... 16 mm² / 20 ... 6 AWG
Strip length	17 ... 19 mm / 0.67 ... 0.75 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	10 mm / 0.394 inch
Height from upper-edge of DIN-35 rail	36.9 mm / 1.453 inch
Depth	89 mm / 3.504 inch

Mechanical data

Design	horizontal
Type of mounting	DIN-35 rail

Marking level	Center/side marking
---------------	---------------------

Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.381 MJ
Weight	24.7 g

Commercial data

Product Group	22 (TOPJOB S)
Country of origin	DE
GTIN	4017332011341
Customs Tariff No.	85369010000

Approvals / Certificates

Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	AEx UL International Germany GmbH c/o Physikalisch Technische Bundesanstalt	UL 60079	E185892 sec.21
	ATEX Physikalisch Technische Bundesanstalt (PTB)	EN 60079	PTB 05 ATEX 1070 U (II 2 G Ex ell bzw. I M2 Ex el)
	IECEX Physikalisch Technische Bundesanstalt (PTB)	IEC 60079	IECEX PTB 06.0003 U (Ex e IIC Gb and Ex e I Mb)

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	2160584.11
	CCA DEKRA Certification B.V.	EN 60947	NTR NL- 7089



CSA
DEKRA Certification B.V.

C22.2 No. 158

70111238

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 BV
	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

General accessories



Item no.: 2010-100
Finger guard; touchproof cover protects unused conductor entries

2010-100

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.: 2010-511**

2010-511

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

**Item no.: 2010-549**

2010-549

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

End plate**Item no.: 2010-1391**

2010-1391

End and intermediate plate; 1 mm thick

**Item no.: 2010-1392**

2010-1392

End and intermediate plate; 1 mm thick

**Item no.: 209-191**

209-191

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

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

ferrule



Item no.: 216-284

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-284



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

Protective Warning Marker



Item no.: 2010-115

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

2010-115



Item no.: 2016-115

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

2016-115

tools

**Item no.: 210-721**

210-721

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

Carrier rail**Item no.: 210-113**

210-113

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715

**Item no.: 210-114**

210-114

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

**Item no.: 210-118**

210-118

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

**Item no.: 210-196**

210-196

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715

**Item no.: 210-197**

210-197

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

**Item no.: 210-198**

210-198

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

Jumper**Item no.: 2010-402**

2010-402

Push-in type jumper bar; insulated; 2-way; Nominal current 57 A

**Item no.: 2010-403**

2010-403

Push-in type jumper bar; insulated; 3-way; Nominal current 57 A

**Item no.: 2010-404**

2010-404

Push-in type jumper bar; insulated; 4-way; Nominal current 57 A

**Item no.: 2010-405**

2010-405

Push-in type jumper bar; insulated; 5-way; Nominal current 57 A

**Item no.: 2010-405/011-000**

2010-405

Star point jumper; insulated; 3-way (1-3-5); IN = IN terminal block

/011-000

**Item no.: 2010-433**

2010-433

Push-in type jumper bar; insulated; from 1 to 3; Nominal current 57 A

**Item no.: 2010-434**

2010-434

Push-in type jumper bar; insulated; from 1 to 4; Nominal current 57 A

**Item no.: 2010-435**

2010-435

Push-in type jumper bar; insulated; from 1 to 5; Nominal current 57 A

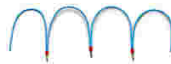
**Item no.: 2016-499**

2016-499

Step-down jumper; insulated; from 16/10 mm² to 10/6/4/2.5 mm²; Nominal current 57 A**Item no.: 210-103**

210-103

Wire commoning chain; insulated; 50 connections

**Item no.: 210-123**

210-123

Wire commoning chain; insulated; 50 connections

Item no.: 285-430

285-430

Step-down jumper; insulated; from 285-13x to 2010 and 2016 Series TOPJOB®S terminal blocks;



Nominal current 90 A

Downloads
Documentation

Bid Text

2010-1301	Apr 4, 2012	docx	Download
Reihenklemmen, TOPJOB S		15.2 kB	

Additional Information

		pdf	Download
		2.1 MB	

CAD/CAE - Smart Data

CAD data

3D Download 2010-1301	URL	Download
-----------------------	-----	----------

Subject to changes.