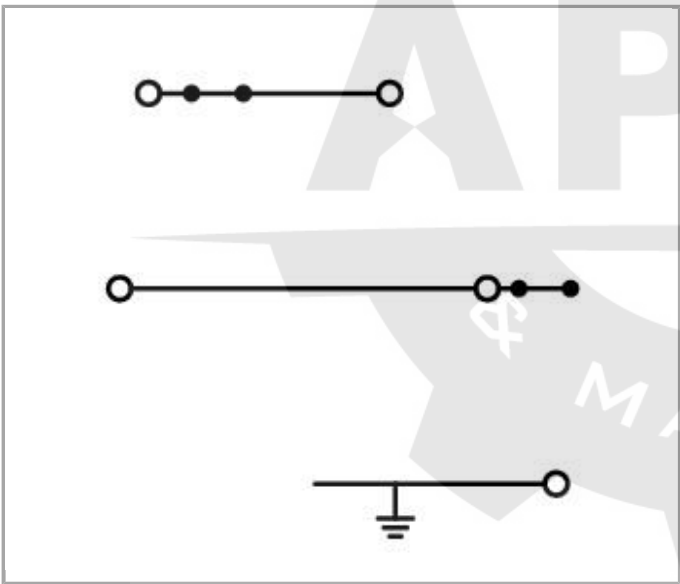


Data sheet | Item number: 2005-7646

Multilevel installation terminal block; 6 mm²; N/L/PE; Push-in CAGE CLAMP®;
4,00 mm²; gray



2005-7646



Data
Electrical data

Ratings per IEC/EN 60664-1

Ratings note	potential - ground
Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated current	36 A
Ratings note 2	potential-potential



Rated voltage (III / 3) 2	400 V
Rated impulse voltage (III / 3) 2	6 kV

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-in Open Tool Slot
Connectable conductor materials	Copper
Nominal cross section	4 mm²
Solid conductor	0.5 6 mm² / 20 10 AWG
Solid conductor, push-in termination	1.5 6 mm² / 14 10 AWG
Fine-stranded conductor	0.5 6 mm² / 20 10 AWG
Strip length	11 13 mm / 0.43 0.51 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	5
Total number of potentials	3
Number of levels	3
Type of wiring	Front-entry wiring

Geometrical Data

Width	6.2 mm / 0.244 inch
Height from upper-edge of DIN-35 rail	41.7 mm / 1.642 inch
Depth	124 mm / 4.882 inch

Mechanical data

Design	angled
Type of mounting	DIN-35 rail
Potential marking	N/L/PE
Marking level	Center/side marking

Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Weight	30.248 g

Commercial data

Country of origin	CN
GTIN	4055143042260
Customs Tariff No.	85369010000

Approvals / Certificates

Radio-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL 7519
	CCA DEKRA Certification B.V.	EN 60947	2129185.01

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60947	14- HG1293677- PDA
	CCA DEKRA Certification B.V.	EN 60947	NTR NL 7519
	CCA DEKRA Certification B.V.	EN 60947	2129185.01
	LR Lloyds Register	EN 60947	91/20112 (E9)

Ship Approvals

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



Compatible products

check



Item no.: 2009-174

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

2009-174



Item no.: 2009-182

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

2009-182



Item no.: 210-136

Test plug; 2 mm Ø; with 500 mm cable; red

210-136

Jumper



Item no.: 2004-402

Push-in type jumper bar; insulated; 2-way; Nominal current 32 A; light gray

2004-402



Item no.: 2004-403

Push-in type jumper bar; insulated; 3-way; Nominal current 32 A; light gray

2004-403



Item no.: 2004-404

Push-in type jumper bar; insulated; 4-way; Nominal current 32 A; light gray

2004-404



Item no.: 2004-405

Push-in type jumper bar; insulated; 5-way; Nominal current 32 A; light gray

2004-405



Item no.: 2004-405/011-000

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

2004-405

/011-000



Item no.: 2004-406

Push-in type jumper bar; insulated; 6-way; Nominal current 32 A; light gray

2004-406



Item no.: 2004-406/020-000

Delta jumper; insulated; 1-2 3-4 5-6; IN = IN terminal block; light gray

2004-406

/020-000



Item no.: 2004-407

Push-in type jumper bar; insulated; 7-way; Nominal current 32 A; light gray

2004-407



Item no.: 2004-408

Push-in type jumper bar; insulated; 8-way; Nominal current 32 A; light gray

2004-408

	Item no.: 2004-409 Push-in type jumper bar; insulated; 9-way; Nominal current 32 A; light gray	2004-409
	Item no.: 2004-410 Push-in type jumper bar; insulated; 10-way; Nominal current 32 A; light gray	2004-410
	Item no.: 2004-433 Push-in type jumper bar; insulated; from 1 to 3; Nominal current 32 A; light gray	2004-433
	Item no.: 2004-434 Push-in type jumper bar; insulated; from 1 to 4; Nominal current 32 A; light gray	2004-434
	Item no.: 2004-435 Push-in type jumper bar; insulated; from 1 to 5; Nominal current 32 A; light gray	2004-435
	Item no.: 2004-436 Push-in type jumper bar; insulated; from 1 to 6; Nominal current 32 A; light gray	2004-436
	Item no.: 2004-437 Push-in type jumper bar; insulated; from 1 to 7; Nominal current 32 A; light gray	2004-437
	Item no.: 2004-438 Push-in type jumper bar; insulated; from 1 to 8; Nominal current 32 A; light gray	2004-438
	Item no.: 2004-439 Push-in type jumper bar; insulated; from 1 to 9; Nominal current 32 A; light gray	2004-439
	Item no.: 2004-440 Push-in type jumper bar; insulated; from 1 to 10; Nominal current 32 A; light gray	2004-440
	Item no.: 210-103 Wire commoning chain; insulated; 50 connections; black	210-103
	Item no.: 210-123 Wire commoning chain; insulated; 50 connections	210-123
tools		
	Item no.: 2009-309 Operating tool; Blades: 3.5 mm and 2.5 mm; for TOPJOB®S installation terminal blocks	2009-309
	Item no.: 2009-310 Operating tool; Blades: 3.5 mm and 5.5 mm; for TOPJOB®S installation terminal blocks	2009-310
	Item no.: 210-658 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short	210-658
	Item no.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft	210-720
Marking accessories		
	Item no.: 2009-110 Marking strips; on reel; not stretchable; plain; snap-on type; white	2009-110
	Item no.: 2009-115 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; white	2009-115
	Item no.: 2009-115/000-002 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	2009-115 /000-002

	Item no.: 2009-115/000-005 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; red	/000-005	2009-115
	Item no.: 2009-115/000-006 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; blue	/000-006	2009-115
	Item no.: 2009-115/000-007 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; gray	/000-007	2009-115
	Item no.: 2009-115/000-012 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; orange	/000-012	2009-115
	Item no.: 2009-115/000-017 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; light green	/000-017	2009-115
	Item no.: 2009-115/000-023 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; green	/000-023	2009-115
	Item no.: 2009-115/000-024 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; violet	/000-024	2009-115
	Item no.: 2009-135 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; white		2009-135
	Item no.: 2009-145 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; white		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; yellow	/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; red	/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; blue	/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; gray	/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; orange	/000-012	2009-145
	Item no.: 2009-145/000-023 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; green	/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; violet	2009-145 /000-024
	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; yellow	248-501 /000-002
	Item no.: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	248-501 /000-005
	Item no.: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	248-501 /000-006
	Item no.: 248-501/000-007 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	248-501 /000-007
	Item no.: 248-501/000-012 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	248-501 /000-012
	Item no.: 248-501/000-017 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	248-501 /000-017
	Item no.: 248-501/000-023 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	248-501 /000-023
	Item no.: 248-501/000-024 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	248-501 /000-024
	Item no.: 793-501 WMB marking card; as card; not stretchable; plain; snap-on type; white	793-501
	Item no.: 793-501/000-002 WMB marking card; as card; not stretchable; plain; snap-on type; white	793-501 /000-002

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

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

793-501

/000-005

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

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

793-501

/000-006

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

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

793-501

/000-007

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

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

793-501

/000-012

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

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

793-501

/000-017

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

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

793-501

/000-023

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

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

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; white

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

793-5501

/000-002

**Item no.: 793-5501/000-005**

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

793-5501

/000-005

**Item no.: 793-5501/000-006**

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

793-5501

/000-006

**Item no.: 793-5501/000-007**

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

793-5501

/000-007

**Item no.: 793-5501/000-012**

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

793-5501

/000-012

**Item no.: 793-5501/000-014**

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

793-5501

/000-014

**Item no.: 793-5501/000-017**

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

793-5501

/000-017



Item no.: 793-5501/000-023
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type; green

/000-023

793-5501



Item no.: 793-5501/000-024
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type; violet

/000-024

793-5501

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

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

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

210-114



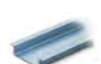
Item no.: 210-115
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm

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

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; silver-colored

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; copper-colored

210-198

End plate



Item no.: 2005-7692
End and intermediate plate; 1 mm thick; orange

2005-7692

Insulation stop



Item no.: 2004-171
Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray

2004-171



Item no.: 2004-172
Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray

2004-172

assembling



Item no.: 2009-304
Busbar carrier; not suitable for use as end stop; for DIN 35 rail; 1.5 mm thick; blue

2009-304



Item no.: 2009-305
Busbar carrier; with end stop function and detachable separator plate; for DIN 35 rail; 7.5 mm thick; blue

2009-305

ferrule



Item no.: 216-262
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

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; red	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; black	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; blue	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; gray	216-267

Downloads

Documentation

Bid Text

2005-7646	Apr 4, 2012	docx 15.1 kB	Download
Reihenklemmen, TOPJOB S			

Additional Information

Technical explanations	Apr 3, 2019	pdf 2.1 MB	Download
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CAD/CAE - Smart Data

CAD data

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WSCAD

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Subject to changes.