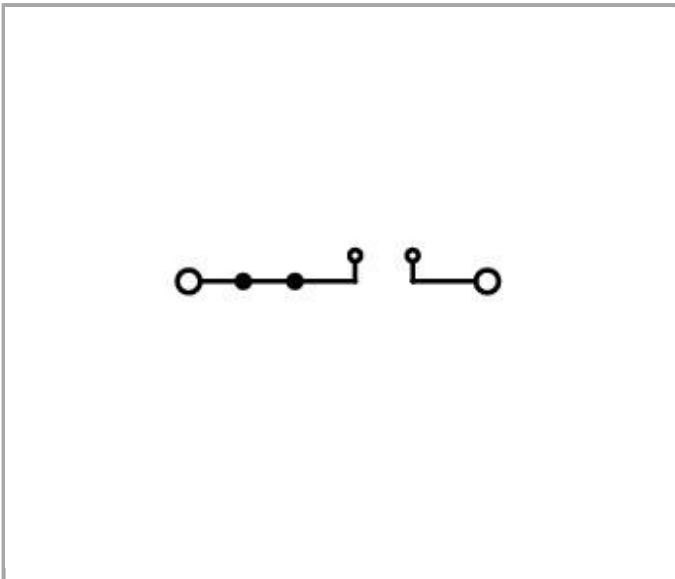
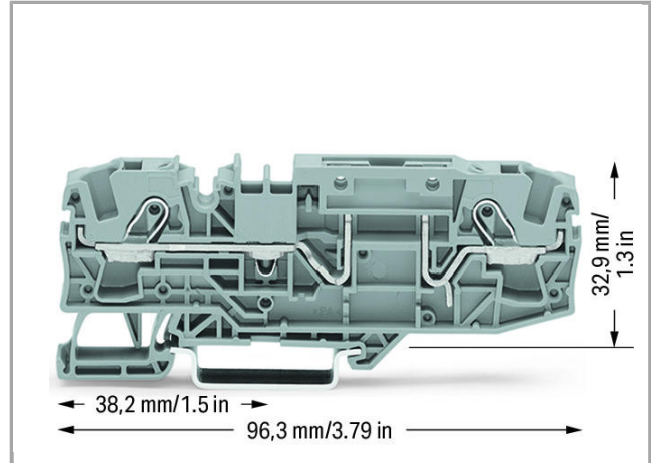
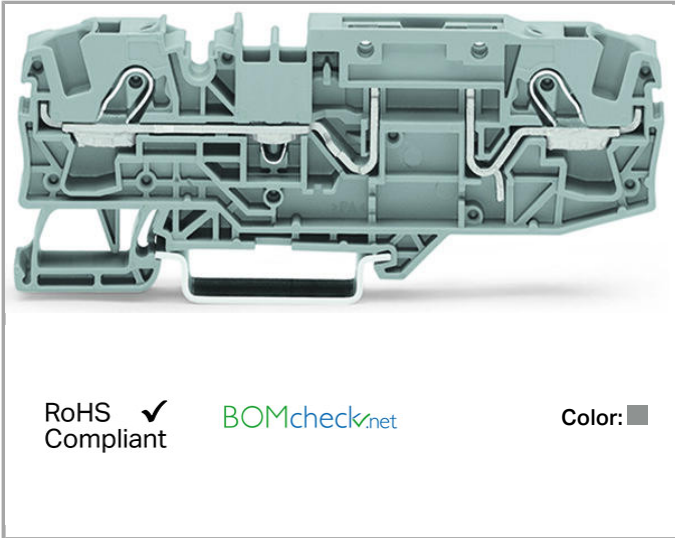


Data sheet | Item number: 2006-1661

2-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 6 mm²;
Push-in CAGE CLAMP®



2006-1661



Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	800 V
Rated impulse voltage (III / 3)	8 kV
Rated current	30 A

Approvals per UL 1059

Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	30 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	30 A

Approvals per CSA

Rated voltage CSA (Use Group B)	600 V
Rated current CSA (Use Group B)	30 A
Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group C)	30 A

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-in Open Tool Slot
Connectable conductor materials	Copper
Nominal cross section	6 mm ²
Solid conductor	0.5 ... 10 mm ² / 20 ... 8 AWG
Solid conductor, push-in termination	2.5 ... 10 mm ² / 14 ... 8 AWG
Fine-stranded conductor	0.5 ... 10 mm ² / 20 ... 8 AWG
Strip length	13 ... 15 mm / 0.51 ... 0.59 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	2
Total number of potentials	2
Number of levels	1
Type of wiring	Front-entry wiring

Geometrical Data

Width	7.5 mm / 0.295 inch
Height from upper-edge of DIN-35 rail	32.9 mm / 1.295 inch
Depth	96.3 mm / 3.791 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	0.325 MJ
Weight	17.935 g

Commercial data



Product Group	22 (TOPJOB S)
Country of origin	CN
GTIN	4050821182894
Customs Tariff No.	85369010000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	IEC 60947	71- 101179
	CCA DEKRA Certification B.V.	IEC 60947	NTR NL 7311
	CSA DEKRA Certification B.V.	C22.2 No. 158	1543858

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

UL-Approvals












Logo	Approval	Additional Approval Text	Certificate name
	UL	UL 1059	E45172

























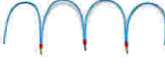









Underwriters Laboratories Inc.

















Compatible products
















General accessories
















	Item no.: 2002-121 Adaptor		2002-121
	Item no.: 2006-191 Lockout cap; for wire insertion and actuating opening		2006-191
	Item no.: 2006-401 Disconnect plug for carrier terminal blocks; for using a receptacle terminal block as a disconnect terminal block		2006-401
	Item no.: 2006-401/000-050 Disconnect plug for carrier terminal blocks	/000-050	2006-401
	Item no.: 2006-451 Blind plug for carrier terminal blocks		2006-451
	Item no.: 2006-911 Fuse plug; with pull-tab; for 5 x 20 mm miniature metric fuse; without blown fuse indication; 7.4 mm wide		2006-911
	Item no.: 2006-911/1000-541 Fuse plug; with pull-tab; for 5 x 20 mm miniature metric fuse; with indicator lamp; 12 - 30 V; 7.4 mm wide	/1000-541	2006-911
	Item no.: 2006-911/1000-542 Fuse plug; with pull-tab; for 5 x 20 mm miniature metric fuse; with indicator lamp; 30 - 65 V; 7.4 mm wide	/1000-542	2006-911
	Item no.: 2006-911/1000-836 Fuse plug; with pull-tab; for 5 x 20 mm miniature metric fuse; with indicator lamp; 230 V; 7.4 mm wide	/1000-836	2006-911
	Item no.: 2006-921 Fuse plug; with pull-tab; for 5 x 30 mm miniature metric fuse; without blown fuse indication; 7.4 mm wide		2006-921
	Item no.: 2006-921/1000-541 Fuse plug; with pull-tab; for 5 x 30 mm miniature metric fuse; with indicator lamp; 12 - 30 V; 7.4 mm wide	/1000-541	2006-921



















	Item no.: 2006-921/1000-542 Fuse plug; with pull-tab; for 5 x 30 mm miniature metric fuse; with indicator lamp; 30 - 65 V; 7.4 mm wide	/ 1000-542	2006-921
	Item no.: 2006-921/1000-836 Fuse plug; with pull-tab; for 5 x 30 mm miniature metric fuse; with indicator lamp; 230 V; 7.4 mm wide	/ 1000-836	2006-921
	Item no.: 2006-921/1000-859 Fuse plug; with pull-tab; for 5 x 30 mm miniature metric fuse; with indicator lamp; 380 - 500 V; 7.4 mm wide	/ 1000-859	2006-921
	Item no.: 2006-931 Fuse plug; with pull-tab; for miniature metric fuse 1/4 x 1 1/4 mm; without blown fuse indication; 7.4 mm wide		2006-931
	Item no.: 2006-931/099-000 Fuse plug; with pull-tab; for miniature metric fuse 1/4 x 1 1/4 mm; without blown fuse indication; 10.4 mm wide	/ 099-000	2006-931
	Item no.: 2006-931/1000-541 Fuse plug; with pull-tab; for miniature metric fuse 1/4 x 1 1/4 mm; with indicator lamp; 12 - 30 V; 7.4 mm wide	/ 1000-541	2006-931
	Item no.: 2006-931/1000-836 Fuse plug; with pull-tab; for miniature metric fuse 1/4 x 1 1/4 mm; with indicator lamp; 230 V; 7.4 mm wide	/ 1000-836	2006-931
	Item no.: 2006-931/1000-859 Fuse plug; with pull-tab; for miniature metric fuse 1/4 x 1 1/4 mm; with indicator lamp; 380 - 500 V; 7.4 mm wide	/ 1000-859	2006-931
	Item no.: 2006-931/1000-867 Fuse plug; with pull-tab; for miniature metric fuse 1/4 x 1 1/4 mm; with indicator lamp; 120 V; 7.4 mm wide	/ 1000-867	2006-931
	Item no.: 2006-931/1099-541 Fuse plug; with pull-tab; for miniature metric fuse 1/4 x 1 1/4 mm; with indicator lamp; 12 - 30 V; 10.4 mm wide	/ 1099-541	2006-931
	Item no.: 2006-931/1099-542 Fuse plug; with pull-tab; for miniature metric fuse 1/4 x 1 1/4 mm; with indicator lamp; 30 - 65 V; 10.4 mm wide	/ 1099-542	2006-931
	Item no.: 2006-931/1099-836 Fuse plug; with pull-tab; for miniature metric fuse 1/4 x 1 1/4 mm; with indicator lamp; 230 V; 10.4 mm wide	/ 1099-836	2006-931
	Item no.: 2006-931/1099-859 Fuse plug; with pull-tab; for miniature metric fuse 1/4 x 1 1/4 mm; with indicator lamp; 380 - 500 V; 10.4 mm wide	/ 1099-859	2006-931
Jumper			
	Item no.: 2006-402 Push-in type jumper bar; insulated; 2-way; Nominal current 41 A		2006-402
	Item no.: 2006-403 Push-in type jumper bar; insulated; 3-way; Nominal current 41 A		2006-403

	Item no.: 2006-404 Push-in type jumper bar; insulated; 4-way; Nominal current 41 A	2006-404
	Item no.: 2006-405 Push-in type jumper bar; insulated; 5-way; Nominal current 41 A	2006-405
	Item no.: 2006-405/011-000 Star point jumper; insulated; 3-way (1-3-5); IN = IN terminal block	2006-405 /011-000
	Item no.: 2006-433 Push-in type jumper bar; insulated; from 1 to 3; Nominal current 41 A	2006-433
	Item no.: 2006-434 Push-in type jumper bar; insulated; from 1 to 4; Nominal current 41 A	2006-434
	Item no.: 2006-435 Push-in type jumper bar; insulated; from 1 to 5; Nominal current 41 A	2006-435
	Item no.: 210-103 Wire commoning chain; insulated; 50 connections	210-103
	Item no.: 210-123 Wire commoning chain; insulated; 50 connections	210-123
Marking accessories		
	Item no.: 2009-110 Marking strips; on reel; not stretchable; plain; snap-on type	2009-110
	Item no.: 2009-115 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115
	Item no.: 2009-115/000-002 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	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	2009-115 /000-006
	Item no.: 2009-115/000-007 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	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	2009-115 /000-012
	Item no.: 2009-115/000-017 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-017
	Item no.: 2009-115/000-023 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	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	2009-115 /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	793-5501 /000-002
	Item no.: 793-5501/000-005 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-005
	Item no.: 793-5501/000-006 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-006
	Item no.: 793-5501/000-007 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-007
	Item no.: 793-5501/000-012 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-012
	Item no.: 793-5501/000-017 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-017
	Item no.: 793-5501/000-023 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-023
	Item no.: 793-5501/000-024 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-024
ferrule		
	Item no.: 216-208 Ferrule; Sleeve for 6 mm ² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-208
	Item no.: 216-262 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	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	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	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	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	216-267
check		
	Item no.: 2009-174 Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks	2009-174
	Item no.: 2009-182	

	Testing tap; for max. 2.5 mm ² ; tool-free connection for individual test wires 0.08 - 2.5 mm	2009-182
	Item no.: 210-136 Test plug; 2 mm Ø; with 500 mm cable	210-136
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	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
	Item no.: 210-504 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715	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	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	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	210-508
End plate		
	Item no.: 2006-1691 End and intermediate plate; 1 mm thick	2006-1691
	Item no.: 2006-1692 End and intermediate plate; 1 mm thick	2006-1692
tools		
	Item no.: 210-721 Operating tool with partially insulated shaft; Type 3, blade (5.5 x 0.8) mm	210-721
Protective Warning Marker		
	Item no.: 2006-115 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	2006-115



Downloads

Documentation

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CAD/CAE - Smart Data

CAD data

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Subject to changes.
