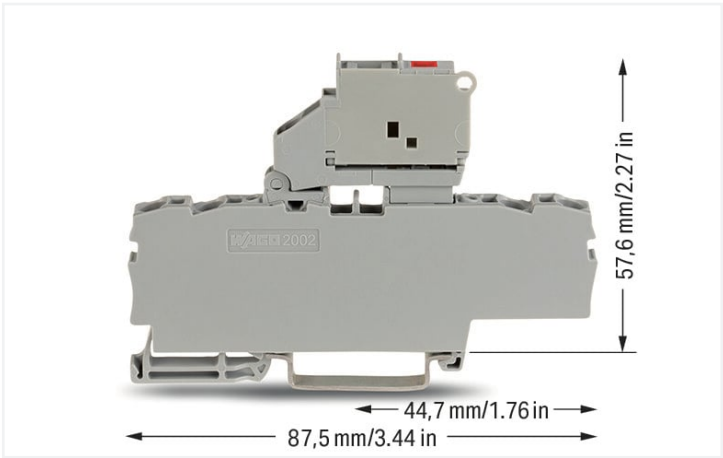


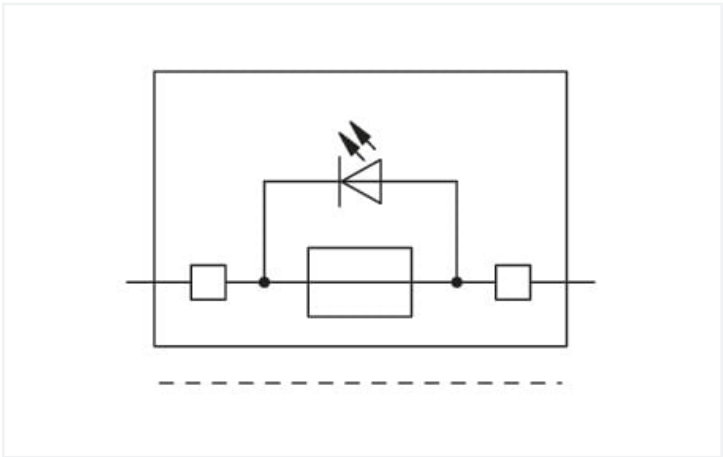
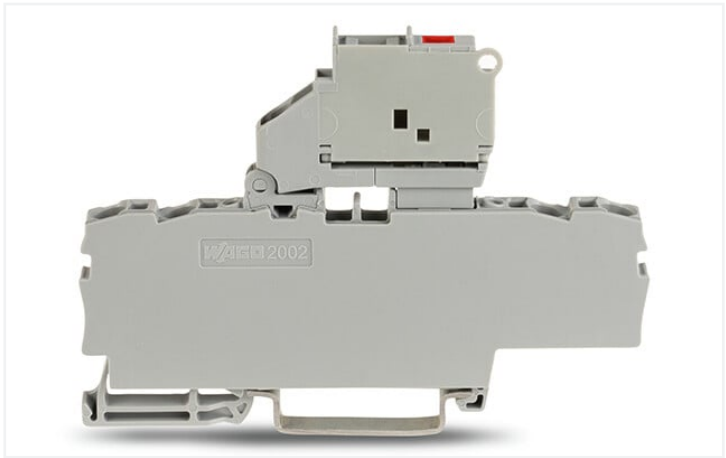
Data Sheet | Item Number: 2002-1811/1000-541

4-conductor fuse terminal block; with pivoting fuse holder; with end plate; for 5 x 20 mm miniature metric fuse; with blown fuse indication by LED; 12 - 30 V; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray

<https://www.wago.com/2002-1811/1000-541>



Color: ■ gray



Electrical data

Ratings per	IEC/EN 60947-7-3		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	250 V	-	-
Rated surge voltage	6 kV	-	-
Rated current	6.3 A	-	-

Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	30 V	30 V	30 V
Rated current	10 A	10 A	10 A

Ratings per	IEC/EN 60947-7-3		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	30 V	-	-
Rated surge voltage	0.8 kV	-	-
Rated current	-	-	-

Approvals per	CSA 22.2 No 158		
Use group	B	C	D
Rated voltage	250 V	250 V	-
Rated current	6.3 A	6.3 A	-

Ex information

Reference hazardous areas	See "Downloads – Documentation – Additional Information: Technical Section; Technical Explanations"
Ratings per	ATEX: KIWA 17 ATEX 0030 U / IECEx: KIWA 17.0014U (Ex ec IIC Gc)
Rated voltage EN (Ex e II)	24 V
Rated current (Ex e II)	6.3 A

General information

Fuse receptacle	pivoting
Fuse type	Cylindrical fuse; 5 x 20 mm

Connection data

Connection points	4
Total number of potentials	1
Number of levels	1
Number of jumper slots	2

Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	2.5 mm²
Solid conductor	0.25 ... 4 mm² / 22 ... 12 AWG
Solid conductor; push-in termination	0.75 ... 4 mm² / 18 ... 12 AWG
Fine-stranded conductor	0.25 ... 4 mm² / 22 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 2.5 mm² / 22 ... 14 AWG
Fine-stranded conductor; with ferrule; push-in termination	1 ... 2.5 mm² / 18 ... 14 AWG
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination.
Strip length	10 ... 12 mm / 0.39 ... 0.47 inches
Wiring direction	Front-entry wiring

Physical data

Width	6.2 mm / 0.244 inches
Height	87.5 mm / 3.445 inches
Depth from upper-edge of DIN-rail	57.6 mm / 2.268 inches

Mechanical data

Mounting type	DIN-35 rail
Marking level	Center/side marking

Material data

Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.352 MJ
Weight	16.4 g



Environmental requirements	
Ambient temperature (operation)	-35 ... +70 °C
Processing temperature	-35 ... +70 °C
Continuous operating temperature	-35 ... +70 °C

Commercial data	
Product Group	22 (TOPJOB S)
eCl@ss 10.0	27-14-11-16
eCl@ss 9.0	27-14-11-16
ETIM 8.0	EC000899
ETIM 7.0	EC000899
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	CN
GTIN	4066966335811
Customs tariff number	85369095000

Environmental Product Compliance	
CAS-No.	7439-92-1 7440-43-9
REACH Candidate List Substance	Cadmium Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	d0b30d52-73d3-4a2a-a411-48f0be3ee0e4
SCIP notification number (Belgium)	813c9825-02f2-4924-a88c-4748fea40a85
SCIP notification number (Bulgaria)	eb314a5a-9b9d-4b08-b7f3-8722968e7b39
SCIP notification number (Czech Republic)	ee713557-b66f-45d8-a6fe-f7980a062275
SCIP notification number (Denmark)	dd7e8b88-3a87-4f7a-85f3-fb69ea3b72c1
SCIP notification number (Finland)	f9d5db8b-1373-4249-bb38-ec2705911021
SCIP notification number (France)	061286d0-e9b9-45fd-b8f4-23830ea0aab9
SCIP notification number (Germany)	ae03cb31-d922-426e-8e39-0d15285820be
SCIP notification number (Hungary)	59bb5d50-aa15-43ae-8743-b030b65e7d57
SCIP notification number (Italy)	00c1a702-920b-40d8-b02a-fb863e652135
SCIP notification number (Netherlands)	ed2a5c75-86f2-4bca-a166-1fdc9fdb74b1
SCIP notification number (Poland)	ecbda195-814e-4317-bdad-d3839b32fa84
SCIP notification number (Romania)	5cba95f8-a425-4c6c-81c2-91cdd82d7ebb
SCIP notification number (Sweden)	b8a321a4-49d6-46ff-a8f3-e9fce4b5d820

Approvals / Certificates

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
ATEX-Attestation of Con- formity WAGO GmbH & Co. KG	-	-
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
2002-1811/1000-541

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Documentation

Additional Information

Technical Sectionpdf
2240.62 KB

↓

Bid Text

2002-1811/1000-54124.04.2019xml
4.29 KB

↓

2002-1811/1000-54123.04.2019docx
15.67 KB

↓

CAD/CAE-Data

CAD data

2D/3D Models
2002-1811/1000-541

↓

CAE data

EPLAN Data Portal
2002-1811/1000-541

↓

WSCAD Universe
2002-1811/1000-541


↓

ZUKEN Portal
2002-1811/1000-541

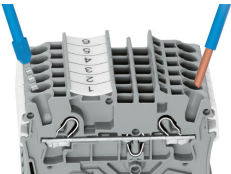
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Installation Notes

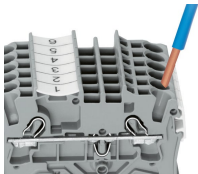
Conductor termination



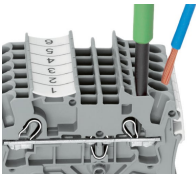
All conductor types at a glance



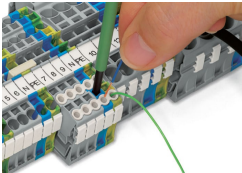
Push-in termination of solid and ferruled conductors



Inserting a conductor via push-in termination:
Solid conductors with cross-sections from either one size above, or up to two sizes below, the rated cross-section can be simply pushed in – no tools needed.

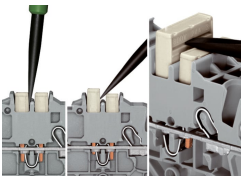
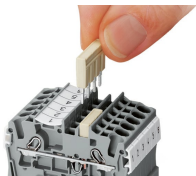


Inserting a conductor via operating tool:
Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use an operating tool.
Advantage:
To open the clamp, the operating tool is inserted vertically. The conductor entry is less than 15 degrees for easier wiring.



Conductor termination – insulation stop

Commoning

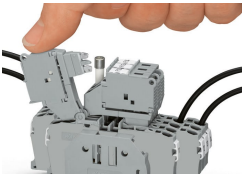


Insert push-in type jumper bar and push down until it hits backstop.

Removing a push-in type jumper bar:
Insert the operating tool between the jumper and partition wall of the dual jumper slots, then lift up the jumper.
Place the operating tool in the center of jumpers for up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.



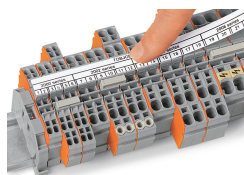
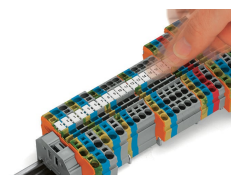
Fuse terminal blocks with a width of 6.2 mm/0.244 in can be assembled adjacently. If there is no adjacent fuse terminal block at the end of the assembly, an end plate must be used.



Fused Disconnect Terminal Block with a Pivoting Fuse Holder
Pivot the fuse holder into the locked open position.

Fused disconnect terminal block with a pivoting fuse holder
Fuse replacement

Marking



Snapping WMB Inline markers into marker slots.