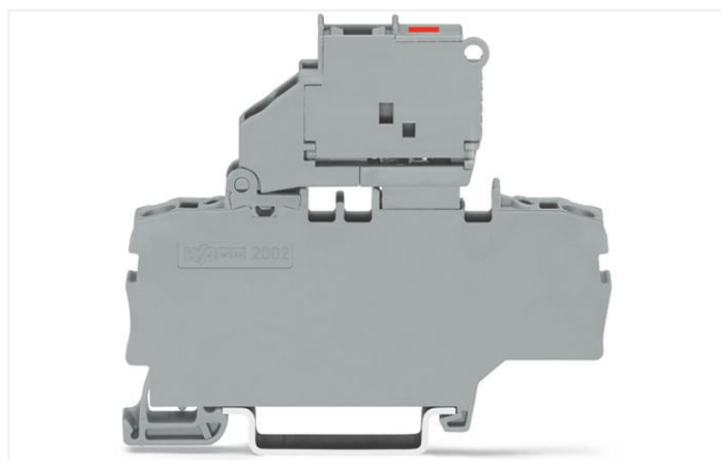
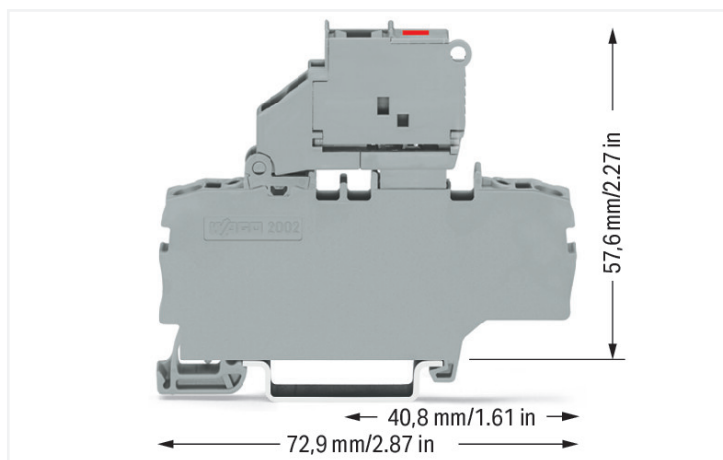


## Data Sheet | Item Number: 2002-1911/1000-541

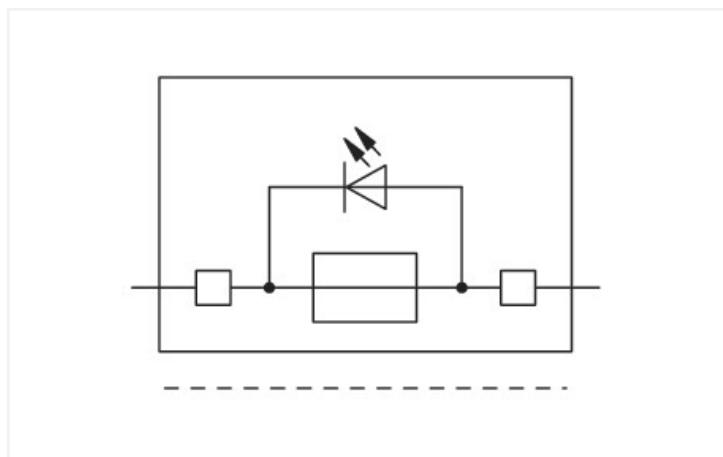
2-conductor fuse terminal block; with pivoting fuse holder; with additional jumper position; for 5 x 20 mm miniature metric fuse; with blown fuse indication by LED; 12 - 30 V; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



<https://www.wago.com/2002-1911/1000-541>



Color:  gray



### Electrical data

#### Ratings per IEC/EN

Ratings per	IEC/EN 60947-7-3
Ratings (note)	Electrical ratings are given by the fuse and blown fuse indication.
Nominal voltage (III/3)	250 V
Rated impulse voltage (III/3)	6 kV
Rated current	6.3 A
Note (rated current)	Leakage current in case of a blown fuse: LED 2 mA (at 24 V operating voltage)
Operation status indicator	12 ... 30 V
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

#### Ratings per UL 1059

Approvals per	UL 1059
Rated voltage UL (Use Group B)	30 V
Rated current UL (Use Group B)	6.3 A
Rated voltage UL (Use Group C)	30 V
Rated current UL (Use Group C)	6.3 A

#### Ratings per IEC/EN 2

Ratings per 2	IEC/EN 60947-7-3
Rated voltage (III/3) 2	30 V
Rated surge voltage (III/3) 2	0.8 kV

#### Ratings per UL 1059

Rated voltage UL (Use Group D)	30 V
Rated current UL (Use Group D)	6.3 A

### Ratings per CSA

Approvals per	CSA 22.2 No 158
Rated voltage CSA (Use Group B)	250 V
Rated current CSA (Use Group B)	6.3 A
Rated voltage CSA (Use Group C)	250 V
Rated current CSA (Use Group C)	6.3 A

### Power loss

Power loss (max.) $P_{I(max)}$ (note)	When selecting glass cartridge fuses, make sure that the maximum power loss listed below is not exceeded. The power loss is determined according to IEC or EN 60947-7-3/VDE 0611-6 at 23°C. The temperature rise of the terminal block must be checked according to their application and mounting. Higher ambient temperatures represent an additional impact on miniature fuses. Therefore, in such applications, the rated current must be reduced if necessary. More details are available from the manufacturers.
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Power loss  $P_I$  max. overload and short-circuit protection (individual arrangement) 1.6 W

Power loss  $P_I$  max. overload and short-circuit protection (group arrangement) 1.6 W

Power loss  $P_I$  max. short-circuit protection (individual arrangement) 2.5 W

Power loss  $P_I$  max. short-circuit protection (group arrangement) 2.5 W

### Ex information

Reference hazardous areas	See "Downloads – Documentation – Additional Information: Technical Section; Technical Explications"
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

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

### Connection data

Connection points	2
Total number of potentials	1
Number of levels	1
Number of jumper slots	3

### Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	2.5 mm <sup>2</sup>
Solid conductor	0.25 ... 4 mm <sup>2</sup> / 22 ... 12 AWG
Solid conductor; push-in termination	0.75 ... 4 mm <sup>2</sup> / 18 ... 12 AWG
Fine-stranded conductor	0.25 ... 4 mm <sup>2</sup> / 22 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 2.5 mm <sup>2</sup> / 22 ... 14 AWG
Fine-stranded conductor; with ferrule; push-in termination	1 ... 2.5 mm <sup>2</sup> / 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	72.9 mm / 2.87 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)	<a href="#">Information on material specifications can be found here</a>
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.173 MJ
Weight	14.5 g

### Environmental requirements

Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °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	DE
GTIN	4050821089094
Customs tariff number	85369095000

### Approvals / Certificates

#### General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	71-120369
CCA DEKRA Certification B.V.	EN 60947	NTR NL 7892
UL Underwriters Laboratories Inc.	UL 1059	E45172

#### Declarations of conformity and manufacturer's declarations



Approval	Standard	Certificate Name
Railway WAGO GmbH & Co. KG	-	Railway Ready

Approvals for marine applications



Approval	Standard	Certificate Name
ABS American Bureau of Shipping	EN 60947	20-HG1941090-PDA
DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

Approvals for hazardous areas



Approval	Standard	Certificate Name
AEx Underwriters Laboratories Inc.	UL 60079	E185892 (AEx eb IIC resp. Ex eb IIC)
ATEX KIWA Netherlands B.V.	EN 60079	KIWA 17ATEX0030 U
CCC CNEX	GB/T 3836.3	2020312313000180 (Ex ec IIC Gc)
IECEX KIWA Netherlands B.V.	EN 60079	IECEX KIWA 17.0014U (Ex ec IIC Gc)