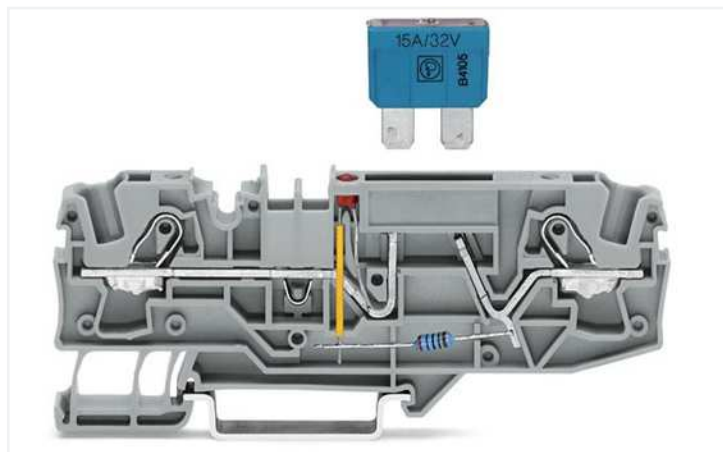


Data Sheet | Item Number: 2006-1681/1000-435

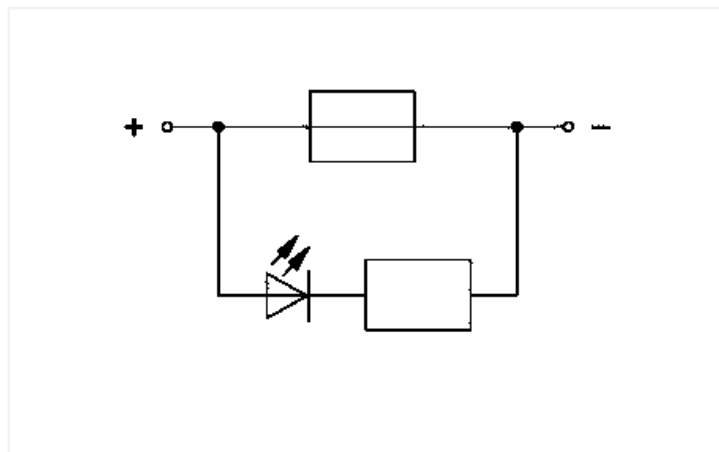
2-conductor fuse terminal block; for automotive blade-style fuses; with test option; with blown fuse indication by LED; 48 V; for DIN-rail 35 x 15 and 35 x 7.5; 6 mm²; Push-in CAGE CLAMP®; 6,00 mm²; gray

<https://www.wago.com/2006-1681/1000-435>



Color: ■ gray

Similar to illustration



2006-1681/1000-435

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)	500 V
Rated impulse voltage (III/3)	8 kV
Rated current	25 A
Current at conductor cross-section (max.) mm ²	30 A
Operation status indicator	48 V
Legend (ratings)	(III / 3) Δ Overvoltage category III / Pollution degree 3

Ratings per IEC/EN 2

Ratings (note) 2	Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!
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Ratings per UL 1059

Approvals per	UL 1059
Rated voltage UL (Use Group B)	48 V
Rated current UL (Use Group B)	30 A
Rated voltage UL (Use Group C)	48 V
Rated current UL (Use Group C)	30 A

Ratings per CSA

Approvals per	CSA 22.2 No 158
Rated voltage CSA (Use Group B)	48 V
Rated current CSA (Use Group B)	30 A
Rated voltage CSA (Use Group C)	48 V
Rated current CSA (Use Group C)	30 A

General

Fuse receptacle	pluggable
Fuse type	Standard flat plug-in fuse; 19.1 x 5.1 x 18,5 mm

Connection data

Connection points	2
Total number of potentials	2
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	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
Fine-stranded conductor; with insulated ferrule	0.5 ... 6 mm ² / 20 ... 10 AWG
Fine-stranded conductor; with ferrule; push-in termination	2.5 ... 6 mm ² / 16 ... 10 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	13 ... 15 mm / 0.51 ... 0.59 inches
Wiring direction	Front-entry wiring

Physical data

Width	7.5 mm / 0.295 inches
Height	96.3 mm / 3.791 inches
Depth from upper-edge of DIN-rail	32.9 mm / 1.295 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	0.323 MJ
Weight	17.8 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)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454972189
Customs tariff number	85369095000

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	IEC 60947	71-122840 REV.1
CCA DEKRA Certification B.V.	EN 60947	NTR NL 7925/1
CSA DEKRA Certification B.V.	C22.2 No. 158	1543858
UL UL International Germany GmbH	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 Ship- ping	EN 60947	20-HG1941090-PDA
DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAE00001V2
LR Lloyds Register	EN 60947	91/20112 (E9)

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: www.wago.com