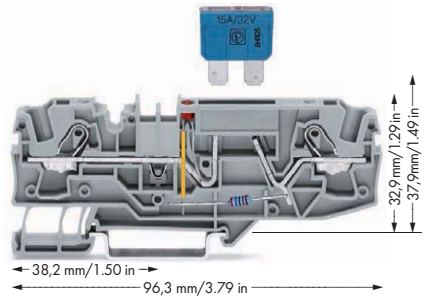
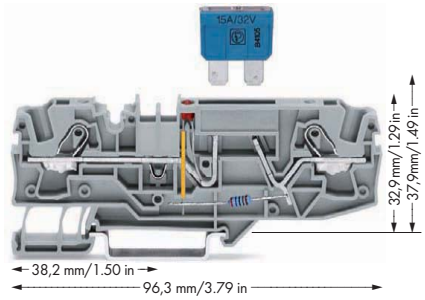
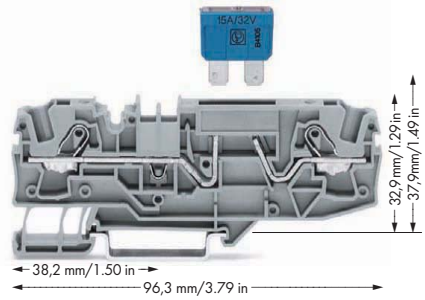
Fuse Terminal Blocks for Mini-Automotive Blade-Style Fuses 6 (10) mm² TOPJOB®S – 2006 Series

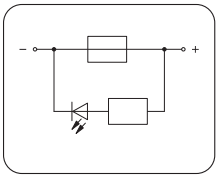
0.5 - 6 (10) mm² ❶ | AWG 20 - 8 **800 V/8 kV/3 ❷** **I_N 25 A (30 A) ❸** **Terminal block width 7.5 mm / 0.295 in** **13 - 15 mm / 0.55 in ❹**	**0.5 - 6 (10) mm² ❶ | AWG 20 - 8** **800 V/8 kV/3 ❷** **I_N 25 A (30 A) ❸** **Terminal block width 7.5 mm / 0.295 in** **13 - 15 mm / 0.55 in ❹**	**0.5 - 6 (10) mm² ❶ | AWG 20 - 8** **800 V/8 kV/3 ❷** **I_N 25 A (30 A) ❸** **Terminal block width 7.5 mm / 0.295 in** **13 - 15 mm / 0.55 in ❹**

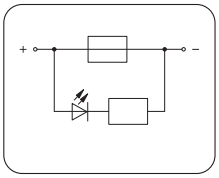




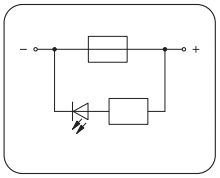


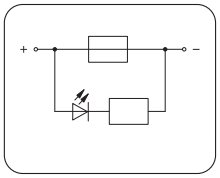
Circuit I Circuit II





Circuit I Circuit II





Item No.		Pack. Unit
2-conductor fuse terminal block for mini-automotive blade-style fuses,		
12V, with test point, with blown fuse indication by LED,		
power consumption LED: 4.8 mA, gray,		
Nominal voltage and current given by the LED or fuse.		
Blade-style fuses, please note touchproof protection for		
42V and higher.		
Circuit I	**2006-1681/1000-429**	25
Circuit II	**2006-1681/1000-449**	25
Other terminal blocks with the same profile:		
Through	**2006-1601**	Page 86

Item No.		Pack. Unit
2-conductor fuse terminal block for mini-automotive blade-style fuses,		
24V, with test point, with blown fuse indication by LED,		
power consumption LED: 4.8 mA, gray,		
Nominal voltage and current given by the LED or fuse.		
Blade-style fuses, please note touchproof protection for		
42V and higher.		
Circuit I	**2006-1681/1000-413**	25
Circuit II	**2006-1681/1000-434**	25

Item No.		Pack. Unit
2-conductor fuse terminal block for mini-automotive blade-style fuses,		
with test point,		
without blown fuse indication,		
Nominal voltage and current are determined by the fuse.		
Blade-style fuses, please note touchproof protection for		
42V and higher.		
gray	**2006-1681**	25
Blade-style fuses		
(not offered by WAGO)		
Excess-current circuit-breaker, thermal		
(not offered by WAGO)		
Recommended excess-current circuit-breakers from ETA		

2006 Series Accessories

Appropriate marking systems: WMB/Marking strips (see Section 13)

End and intermediate plate, 1 mm thick

orange	**2006-1692**	100 (4x25)
gray	**2006-1691**	100 (4x25)

Push-in type jumper bar, insulated,

I_N 41 A, light gray

2-way	**2006-402**	50 (2x25)
3-way	**2006-403**	50 (2x25)
4-way	**2006-404**	50 (2x25)
5-way	**2006-405**	50 (2x25)

Push-in type jumper bar, insulated,

I_N 41 A, light gray

1 - 3	**2006-433**	50 (2x25)
1 - 4	**2006-434**	50 (2x25)
1 - 5	**2006-435**	50 (2x25)

Protective warning marker,

with high-voltage symbol, black, for 5 terminal blocks

yellow	**2006-115**	100 (4x25)

WMB Multi marking system,

10 strips with 10 markers per card, stretchable 5 - 5.2 mm

plain	**793-5501**	5

Marking strip, plain,

11 mm wide, 50 m roll

white	**2009-110**	1

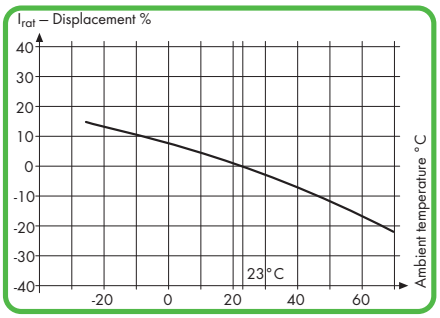
Douple-deck marker carrier,

pivoting

gray	**2002-121**	50 (2x25)

For list of approvals and user guide, see pages 540 and 542.

1. Conductor sizes: 0.5 mm² – 10 mm² "s + f-st"; Push-in conductor sizes: 1 mm² – 10 mm² "s" and 1.5 mm² – 6 mm² "insulated ferrule, 12 mm"
2. 800 V = rated voltage
   8 kV = rated surge voltage
   3 = pollution degree
   (also see Section 14)
3. Power consumption LED: 4.8 mA
4. Strip length, see packaging or instructions.



The rated currents of the fuse cartridges are defined differently in international standards. Due to the different current rating definitions, the recommended current-carrying permanent capacity of the fuses is max. 80% of their rated current according to DIN 72581 part 3 (for an ambient operating temperature of 23 °C).
Selecting the correct fuse cartridge is important for product safety within applications, as well as for fuse cartridge service life and reliability. Fuse cartridges may be used as protection (break-off point) if they are properly selected and used according to manufacturer specifications.

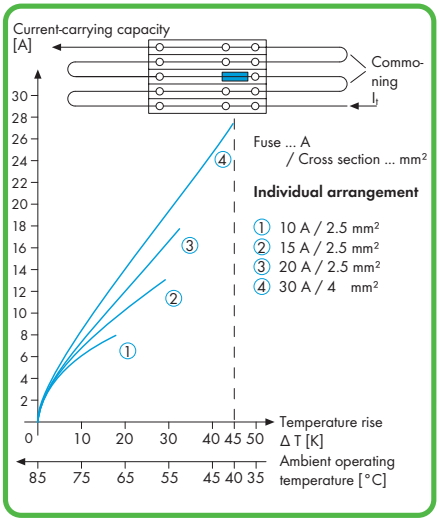


Diagram: Individual arrangement

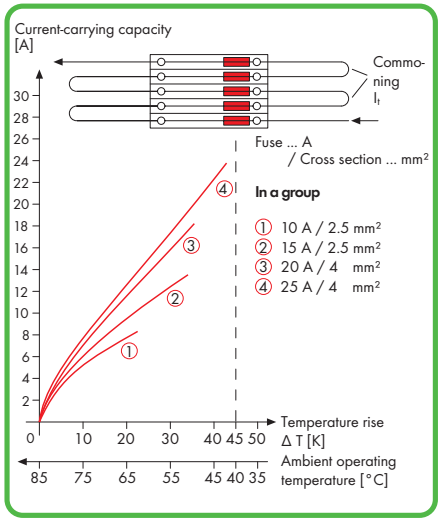


Diagram: Block arrangement

Information from the mini-automotive blade-style fuse manufacturers

Derating T_{amb} / °C	%	F_T
– 25	14	0.877
– 20	13	0.885
– 15	12	0.893
– 10	11	0.901
– 5	10	0.909
0	9	0.917
5	8	0.926
10	6	0.943
15	4	0.962
20	2	0.980
23	0	1.000
30	– 2	1.020
35	– 4	1.042
40	– 6	1.064
45	– 8	1.087
50	– 10	1.111
55	– 13	1.149
60	– 16	1.190
65	– 19	1.235
70	– 22	1.282

Regarding product safety, it is in generally necessary to test fuse cartridges under normal conditions and operational failures within your application.