

8006/4-020-00 Art. No. 169501



- Can be used as motor, main or load disconnect switches, as well as control switches
- Rated operational voltage up to 690 V AC and 220 V DC
- Different switching arrangements available

MY R. STAHL 8006B



R. STAHL Series 8006/4 load and motor switches have isolating characteristics and AC-3 and DC-23 switching capacity. This makes them suitable for use as motor switches or main switches. They can also be used as control switches. They are available with different switching arrangements, from 2-pole to 12-pole.

Technical Data

Explosion Protection	
Application range (zones)	1, 2
IECEX gas certificate	IECEX PTB 06.0018U
IECEX gas explosion protection	Ex db eb IIC T6 Gb
ATEX gas certificate	PTB 01 ATEX 1021 U
ATEX gas certificate	PTB 01 ATEX 1021 U
ATEX gas explosion protection	Ex II 2 G Ex db eb IIC T6 Gb
FMus certificate	3044997
cFM certificate	3044997C
cULus certificate	20131017-E182378
Marking ULus	Class I, Zone 1 AEx db eb IIC T6 Gb Class I, Div. 2, Groups A,B,C,D
Marking cUL	Class I, Zone 1 Ex db eb IIC T6 Gb Class I, Div. 2, Groups A,B,C,D
Certificates	ATEX (PTB), Brazil (ULB), Canada / USA (UL), Canada (FM), Canada (UL), China (CQST), IECEX (PTB), USA (FM), USA (UL)
Electrical Data	
DC rated operational voltage	220 V
Rated operational voltage AC UL	600 V
Rated operational current for AC	690 V / 25 A 500 V / 32 A
Rated operational current for DC	25 A
Rated operational current UL	25 A
Short-circuit strength	20 kA
Max. short-circuit protection	35 A
Tripping characteristic	gG
No. of poles	6

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Ambient Conditions

Ambient temperature	-50 °C ... +70 °C
Ambient temperature (UL)	-60 °C ... +80 °C

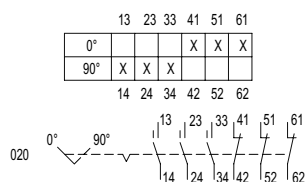
Mechanical Data

Degree of protection (IP)	IP00
Enclosure material	Epoxy resin
Contact material	Silver stannic oxide
Base	Without connection
Connection cross-section	6 mm ²
Connection cross section min.	1.5 mm ²
Max. connection cross section, solid	6 mm ²
Max. connection cross-section, finely stranded	6 mm ²
Number of switching positions	2
Assembly for swit. arrangement	020
Contacts	3 NO + 3 NC
Service life, min.	2 x 10 ⁵ operating cycles
Detailed number of poles	6 P
Weight	580 g
Weight	1.28 lb

Mounting / Installation

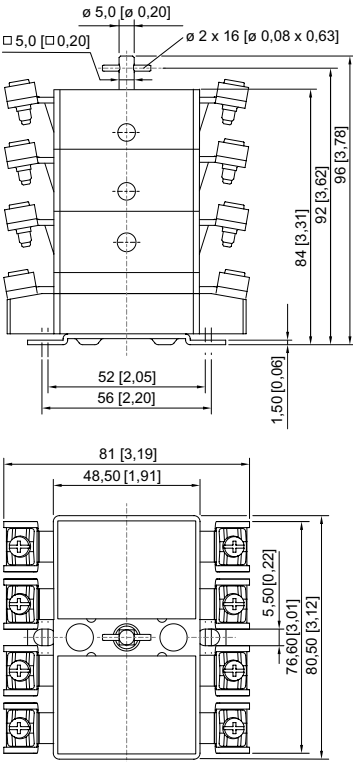
Connection type	Screw terminal
Max. USA solid connection terminals	10 AWG

Technical Drawings – Subject to Alterations



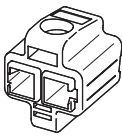
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Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

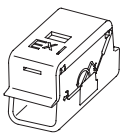


Load and motor switches Series 8006/4, 5-pole and 6-pole

Accessories

IP20 cover		Art. No.
	1 pc.	204108
	An IP20 cover is required for each contact	

Spare Parts

Ex i cover		Art. No.
	for connecting intrinsically safe circuits (2 pcs)	213610

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Rotary actuator Maxi BG736		Art. No.
	8602C3-736-B-XXX-E08 Ø 64 mm Handle colour: Black Protective collar colour: Black Front panel mounting -20 °C ... 60 °C Silicone-free: Yes Lockable option (max. 3 times) can be determined using the enclosed closing parts. Lockable handle position: Not defined. In the unmounted assemblies, the standard label is 0/OFF-I/ON and the long coupling part is enclosed. Other labels must be ordered separately.	318417
	8602C3-736-S-XXX-E08 Ø 64 mm Handle colour: Black Protective collar colour: Black Front panel mounting -60 °C ... 70 °C Silicone-free: No Lockable option (max. 3 times) can be determined using the enclosed closing parts. Lockable handle position: Not defined. In the unmounted assemblies, the standard label is 0/OFF-I/ON and the long coupling part is enclosed. Other labels must be ordered separately.	318418
Rotary actuator Maxi BG737		Art. No.
	8602C3-737-B-XXX-E08 Ø 64 mm Handle colour: Red Protective collar colour: Yellow Front panel mounting -20 °C ... 60 °C Silicone-free: Yes Lockable option (max. 3 times) can be determined using the enclosed closing parts. Lockable handle position: Not defined. In the unmounted assemblies, the standard label is 0/OFF-I/ON and the long coupling part is enclosed. Other labels must be ordered separately.	318419
	8602C3-737-S-XXX-E08 Ø 64 mm Handle colour: Red Protective collar colour: Yellow Front panel mounting -60 °C ... 70 °C Silicone-free: No Lockable option (max. 3 times) can be determined using the enclosed closing parts. Lockable handle position: Not defined. In the unmounted assemblies, the standard label is 0/OFF-I/ON and the long coupling part is enclosed. Other labels must be ordered separately.	318420

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Labels for rotary actuator Maxi BG736, BG737		Art. No.
	Dia. 58.5 0/OFF I/ON	274882
	Dia. 58.5 0 BETRIEB I	263982
	Dia. 58.5 0 I II	318507
	Dia. 58.5 I 0 II	318502
	Dia. 58.5 0/OFF • I/ON	318459

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