

8510/122-03-755-710 Art. No. 270355



- High availability: Reliable motor contactors: 4 kW/400 V
- 3 main contacts, up to 4 auxiliary contacts
- Robust: Anti-vibration components in the corrosion-resistant enclosure

MY R. STAHL 8510B



R. STAHL Series 8510/122 contactors are robust, type-tested standard components for switching motors in accordance with AC3. They have 3 main contacts which can be supplemented by a maximum of 4 auxiliary contacts. Easily accessible terminals make installation simple and safe. The enclosure for the anti-vibration screw connection is made of corrosion-resistant material.

## Technical Data

### Explosion Protection

Application range (zones)	1 2
IECEX gas certificate	IECEX BVS 07.0029U
IECEX gas explosion protection	Ex de IIC
IECEX firedamp certificate	IECEX BVS 07.0029U
IECEX firedamp protection	Ex de I
ATEX gas certificate	DMT 00 ATEX E 073 U
ATEX gas explosion protection	Ex II 2 G Ex de IIC
ATEX firedamp certificate	DMT 00 ATEX E 073 U
ATEX firedamp protection	Ex I M2 Ex de I
Certificates	ATEX (BVS), Brazil (ULB), Canada (FM), China (CQST), IECEX (BVS), USA (FM)

### Electrical Data

Rated actuating voltage	24 to 60 V AC/DC
Switching capacity	20 A AC1
Conventional thermal current	20 A
Main contacts	4-pole (2 NOs + 2 NCs)
Auxiliary contacts	2 (1 NO + 1 NC)

### Ambient Conditions

Ambient temperature	-20 °C ... +60 °C
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### Mechanical Data

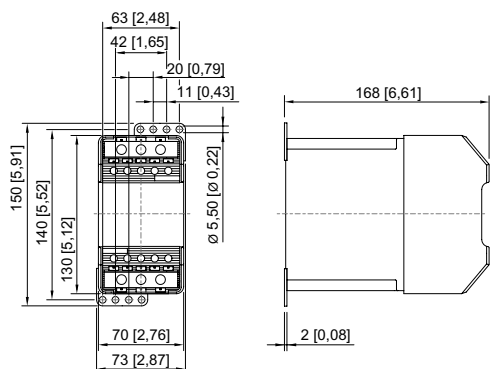
Degree of protection (IP)	IP20
Enclosure material	Epoxy resin
Max. solid connection terminals	10 mm <sup>2</sup>
Connection terminal solid min.	1.5 mm <sup>2</sup>
Max. finely stranded connection terminals	6 mm <sup>2</sup>
Finely stranded connection terminals min.	1.5 mm <sup>2</sup>

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### Mechanical Data

Max. auxiliary contact connection cross-section, solid	2.5 mm <sup>2</sup>
Connection cross-section auxiliary contact solid min.	0.75 mm <sup>2</sup>
Max. auxiliary contact connection cross section, finely stranded	1.5 mm <sup>2</sup>
Connection cross-section auxiliary contact finely stranded min.	0.75 mm <sup>2</sup>
Width	70 mm
Height	130 mm
Depth	168 mm
Weight	1.62 kg
Weight	3.57 lb

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



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We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.