

8510/122-03-745-710 Art. No. 270353



- 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 (4 NO) |
| Auxiliary contacts | 2 (1 NO + 1 NC) |

Ambient Conditions

| | |
|---------------------|-------------------|
| Ambient temperature | -20 °C ... +60 °C |
|---------------------|-------------------|

Mechanical Data

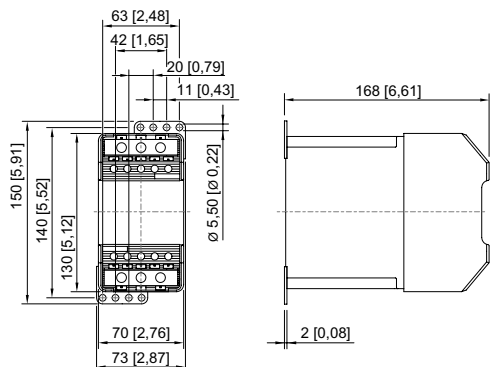
| | |
|---|---------------------|
| Degree of protection (IP) | IP20 |
| Enclosure material | Epoxy resin |
| Max. solid connection terminals | 10 mm ² |
| Connection terminal solid min. | 1.5 mm ² |
| Max. finely stranded connection terminals | 6 mm ² |
| Finely stranded connection terminals min. |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

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Mechanical Data

| | |
|--|----------------------|
| Max. auxiliary contact connection cross-section, solid | 2.5 mm ² |
| Connection cross-section auxiliary contact solid min. | 0.75 mm ² |
| Max. auxiliary contact connection cross section, finely stranded | 1.5 mm ² |
| Connection cross-section auxiliary contact finely stranded min. | 0.75 mm ² |
| Width | 70 mm |
| Height | 130 mm |
| Depth | 168 mm |
| Weight | 1.85 kg |
| Weight | 4.08 lb |

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



8510/122

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.