



- High availability: Reliable motor contactors: 4 kW/400 V
- Three main contacts, up to four auxiliary contacts
- Robust: Vibration-proof components in the corrosion-resistant enclosure

E9

MY R. STAHL 8510B



R. STAHL Series 8510/122 contactors are robust, type-tested standard components for switching motors according to AC3. They have three main contacts which can be supplemented by a maximum of four auxiliary contacts. Thanks to the easily accessible connection terminals, installation is simple and safe. The enclosure for vibration-proof screw mounting is made of corrosion-resistant material.

	IECEx / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•			

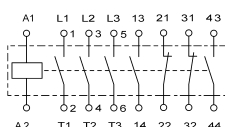
Selection Table					
Product description Switching capacity		Contactor 4 kW/400 V AC3			
Rated actuating voltage	Main contacts	Auxiliary contacts	Product Type	Art. No.	Weight
24 to 60 V AC/DC	3-pole (3 NO)	4 (2 NO + 2 NC)	8510/122-03-136-710	268656	1.62 kg
100 to 250 V AC/DC	3-pole (3 NO)	4 (2 NO + 2 NC)	8510/122-03-136-730	268657	1.62 kg
Product description Switching capacity		Contactor 20 A AC1			
Rated actuating voltage	Main contacts	Auxiliary contacts	Product Type	Art. No.	Weight
24 to 60 V AC/DC	4-pole (2 NOs + 2 NCs)	2 (1 NO + 1 NC)	8510/122-03-755-710	270355	1.62 kg
24 to 60 V AC/DC	4-pole (4 NO)	2 (1 NO + 1 NC)	8510/122-03-745-710	270353	1.85 kg
100 to 250 V AC/DC	4-pole (2 NOs + 2 NCs)	2 (1 NO + 1 NC)	8510/122-03-755-730	270356	1.62 kg
100 to 250 V AC/DC	4-pole (4 NO)	2 (1 NO + 1 NC)	8510/122-03-745-730	270354	1.62 kg

Technical Data		
Variant	4 kW/400 V AC3	20 A AC1
Explosion Protection		
IECEx gas explosion protection	Ex de IIC	Ex de IIC
IECEx firedamp protection	Ex de I	Ex de I
ATEX gas explosion protection	Ex II 2 G Ex de IIC	Ex II 2 G Ex de IIC
ATEX firedamp protection	Ex I M2 Ex de I	Ex I M2 Ex de I
Certificates	ATEX (BVS), Brazil (ULB), China (CQST), IECEx (BVS)	ATEX (BVS), Brazil (ULB), Canada (FM), China (CQST), IECEx (BVS), USA (FM)
Electrical Data		
Conventional thermal current	25 A	20 A

Technical Data

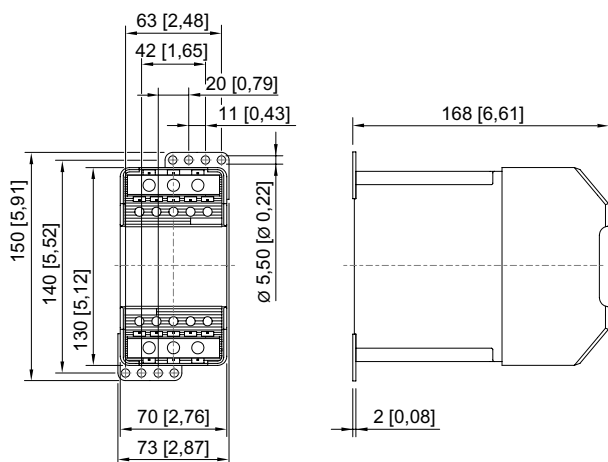
Variant	4 kW/400 V AC3	20 A AC1
Ambient Conditions		
Ambient temperature	-20 °C ... +60 °C	-20 °C ... +60 °C
Mechanical Data		
Degree of protection (IP)	IP20	IP20
Enclosure material	Epoxy resin	Epoxy resin
Max. solid connection terminals	10 mm ²	10 mm ²
Max. finely stranded connection terminals	6 mm ²	6 mm ²
Max. auxiliary contact connection cross-section, solid	2.5 mm ²	2.5 mm ²
Max. auxiliary contact connection cross section, finely stranded	1.5 mm ²	1.5 mm ²

Technical Drawings – Subject to Alterations



Contact loadings

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



8510/122