



- 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.

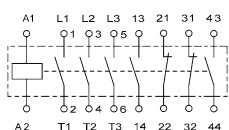
	IECEX / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•			

Selection Table						
Product Description		Contactor 4 kW/400 V AC3				
Switching capacity						
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		Contactor 20 A AC1				
Switching capacity						
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	
Product Description		Contactor 40 A AC1				
Switching capacity						
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)	8510/132-03-555-710	270345	1.62 kg	
24 to 60 V AC/DC	4-pole (4 NO)	2 (1 NO + 1 NC)	8510/132-03-545-710	270343	1.62 kg	
100 to 250 V AC/DC	4-pole (2 NOs +2 NCs)	2 (1 NO + 1 NC)	8510/132-03-555-730	270346	1.62 kg	
100 to 250 V AC/DC	4-pole (4 NO)	2 (1 NO + 1 NC)	8510/132-03-545-730	270344	1.62 kg	

Technical Data			
Variant	4 kW/400 V AC3	20 A AC1	40 A AC1
Explosion Protection			
IECEX gas explosion protection	Ex de IIC	Ex de IIC	Ex de IIC

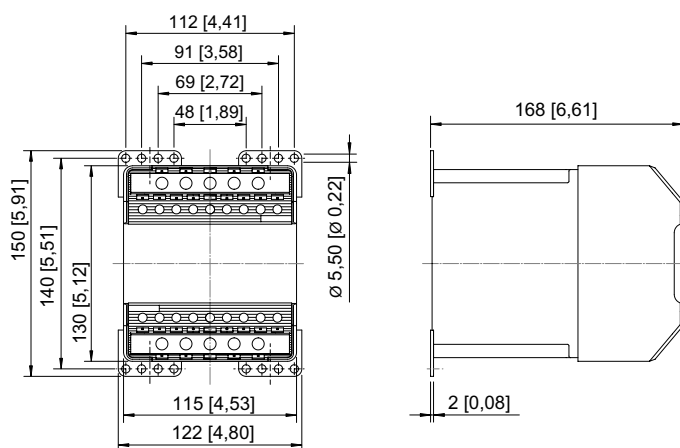
Technical Data			
Variant	4 kW/400 V AC3	20 A AC1	40 A AC1
Explosion Protection			
IECEx firedamp protection	Ex de I	Ex de I	Ex de I
ATEX gas explosion protection	Ⓜ II 2 G Ex de IIC	Ⓜ II 2 G Ex de IIC	Ⓜ II 2 G Ex de IIC
ATEX firedamp protection	Ⓜ I M2 Ex de I	Ⓜ I M2 Ex de I	Ⓜ I M2 Ex de I
Certificates	ATEX (BVS), Brazil (ULB), China (CQST), IECEx (BVS)	ATEX (BVS), Brazil (ULB), Canada (FM), China (CQST), IECEx (BVS), USA (FM)	ATEX (BVS), Brazil (ULB), China (CQST), IECEx (BVS)
Electrical Data			
Conventional thermal current	25 A	20 A	40 A
Ambient Conditions			
Ambient temperature	-20 °C ... +60 °C	-20 °C ... +60 °C	-20 °C ... +60 °C
Mechanical Data			
Degree of protection (IP)	IP20	IP20	IP20
Enclosure material	Epoxy resin	Epoxy resin	Epoxy resin
Max. solid connection terminals	10 mm <sup>2</sup>	10 mm <sup>2</sup>	10 mm <sup>2</sup>
Max. finely stranded connection terminals	6 mm <sup>2</sup>	6 mm <sup>2</sup>	6 mm <sup>2</sup>
Max. auxiliary contact connection cross-section, solid	2.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>
Max. auxiliary contact connection cross section, finely stranded	1.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>

### Technical Drawings – Subject to Alterations

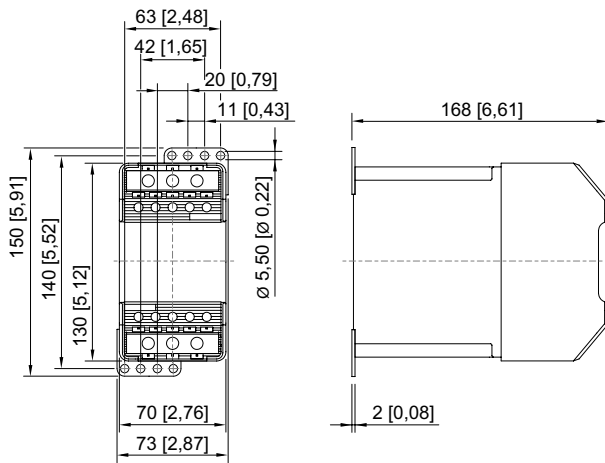


Contact loadings

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



8510/132



8510/122