



- High availability: Reliable motor contactors: 4 kW/400 V
- Switching in accordance with AC3
- Robust: Anti-vibration components in the corrosion-resistant enclosure

E9

WebCode **8510C**



R. STAHL Series 8510/14 contactors are robust, type-tested standard components for switching motors in accordance with AC3. Easily accessible terminals make installation simple and safe. The enclosure for the anti-vibration screw connection 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	Product Type	Art. No.	Weight kg	
24 V AC	8510/141-03-131-010	215822	1.620	
24 V DC	8510/141-03-131-210	215789	1.620	
110 V AC	8510/141-03-131-030	215829	1.620	
230 V AC	8510/141-03-131-130	215809	1.620	

Technical Data	
Explosion Protection	
IECEX gas explosion protection	Ex de IIC
IECEX firedamp protection	Ex de I
ATEX gas explosion protection	Ⓜ II 2 G Ex de IIC
ATEX firedamp protection	Ⓜ I M2 Ex de I
Certificates	ATEX (BVS), Brazil (ULB), Canada (FM), China (CQST), IECEX (BVS), USA (FM)
Electrical Data	
Conventional thermal current	20 A
Main contacts	3-pole (3 NO)
Auxiliary contacts	1 (1 NO)
Ambient Conditions	
Ambient temperature	-20 °C ... +60 °C
Mechanical Data	
Degree of protection (IP)	IP20
Enclosure material	Epoxy resin

Technical Data

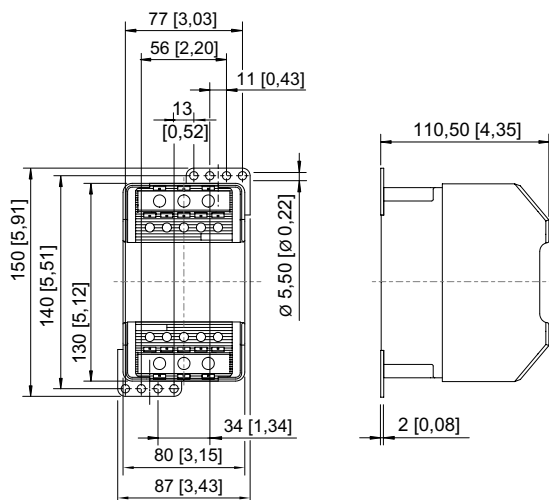
Mechanical Data

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
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

Technical Drawings – Subject to Alterations



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



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