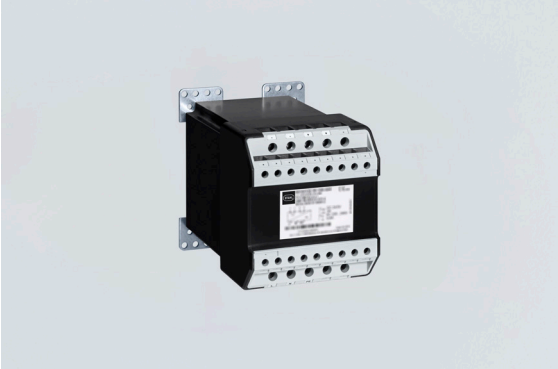
Components for system solutions
Contactor

8510/132-03-545-730 Art. No. 270344



- High availability: Reliable power contactors for switching and changeover of high AC1 currents
- Two main contact arrangements available: 4 NO or 2 NC and 2 NO
- Flexible: Thanks to modular technology, clear arrangement in the Ex e enclosure and can be flexibly extended
- Robust: Anti-vibration components in the corrosion-resistant enclosure

MY R. STAHL **8510U**

R. STAHL Series 8510 contactors are robust standard components for switching AC1 loads at 40 A / 400 V. The AC-3 switching capacity for motors is 11 kW.
Easily accessible terminals make installation simple and safe. The enclosure for the anti-vibration screw connection is made of corrosion-resistant material. Thanks to modular technology, clear arrangement in the Ex e enclosure and can be flexibly extended.

Technical Data

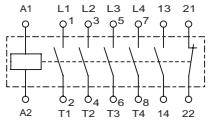
Explosion Protection	
Application range (zones)	1, 2
IECEx gas explosion protection	Ex de IIC
IECEx firedamp protection	Ex de I
ATEX gas explosion protection	II 2 G Ex de IIC
ATEX firedamp protection	I M2 Ex de I
Certificates	ATEX (BVS), Brazil (ULB), China (CQST), IECEx (BVS)
Declaration of conformity	Certificate of conformity (ATEX)
Electrical Data	
Rated actuating voltage	100 to 250 V AC/DC
Switching capacity	40 A AC1
Conventional thermal current	40 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 mm²
Connection terminal solid min.	1.5 mm²
Max. finely stranded connection terminals	6 mm²
Finely stranded connection terminals min.	1.5 mm²
Max. auxiliary contact connection cross-section, solid	2.5 mm²

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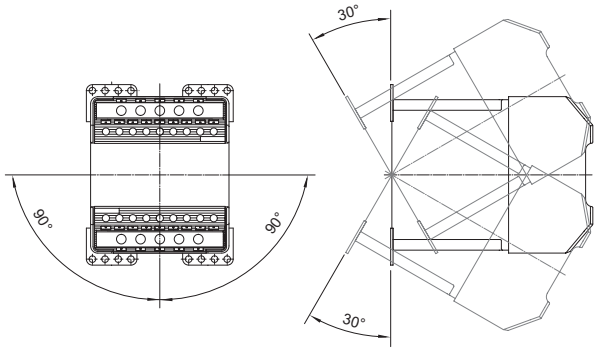
Mechanical Data

Connection cross-section auxiliary contact solid min.	0.75 mm²
Max. auxiliary contact connection cross section, finely stranded	1.5 mm²
Connection cross-section auxiliary contact finely stranded min.	0.75 mm²
Width	115 mm
Width	115 mm
Height	130 mm
Depth	168 mm
Depth	168 mm
Weight	1.62 kg
Weight	3.57 lb

Technical Drawings – Subject to Alterations

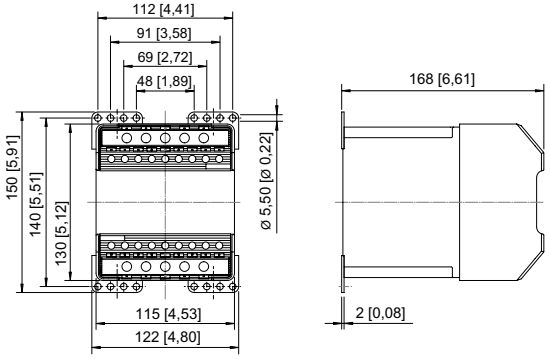


8510/1.2-03-.45-...



Operating position (without power reduction)

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



8510/132

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.