



- Type-tested standard components
- Corrosion-resistant enclosure material

E9

WebCode 8510A



The R. STAHL Series 8510 relay module provides cost-effective overload protection for motors. It is available in various versions and can contain up to 4 relays, each with different contact types. It can be fitted in Ex e enclosures using an anti-vibration screw connection, easily accessible terminals simplify installation.

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

Selection Table				
Type of voltage	AC			
Rated actuating voltage		Product Type	Art. No.	Weight kg
24 V AC		8510/111-02-209-020	217502	1.200
110 V AC		8510/111-02-209-040	217504	1.200
230 V AC		8510/111-02-209-050	217506	1.200
Type of voltage	DC			
Rated actuating voltage		Product Type	Art. No.	Weight kg
24 V DC		8510/111-02-209-220	217503	1.200

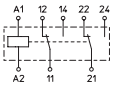
Technical Data	
Explosion Protection	
IECEx gas explosion protection	Ex db eb IIC
IECEx firedamp protection	Ex de I
ATEX gas explosion protection	Ⓜ II 2 G Ex db eb IIC
ATEX firedamp protection	Ⓜ I M2 Ex de I
ATEX firedamp protection 2	Ⓜ I M2 Ex I
Certificates	ATEX (BVS), Brazil (ULB), China (CQST), IECEx (BVS)
Electrical Data	
Switching capacity	2 W
Frequency Hz (for AC)	60 50
Auxiliary contacts	2 change-over contact
Ambient Conditions	
Ambient temperature	-20 °C ... +60 °C

Technical Data

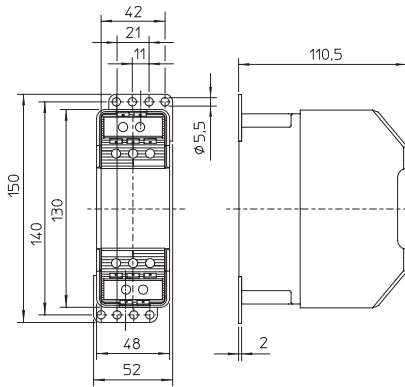
Mechanical Data

Degree of protection (IP)	IP20
Enclosure material	Epoxy resin
Connection cross-section	1.5 mm ²
Connection cross section min.	0.75 mm ²
Max. connection cross-section, solid	2.5 mm ²
Max. connection cross-section, finely stranded	1.5 mm ²
Type of connection cable	Finely stranded Solid

Technical Drawings – Subject to Alterations



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



8510/111