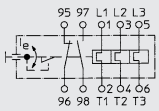
- Cost-effective overload protection for motors
- The release is easy to adjust and reset
- Robust modules, easy and vibration-proof installation

MY R. STAHL **8510J**

R. STAHL Series 8510 motor protection relays offer cost-effective overload protection for motors with adjustment ranges up to 22.5 A. The release is easy to adjust and reset. The relay modules in the corrosion-resistant enclosure are screwed into Ex e enclosures so that they are protected against vibrations. Easily accessible connection terminals enable a safe connection and simple installation.

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

Selection Table

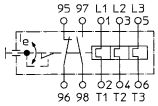
Product Description		Motor protection relay				
Figure	Current-setting range	Main contacts	Auxiliary contacts	Product Type	Art. No.	Weight
	1.00-1.6 A	3-pole (3 NO)	2 (1 NO + 1 NC)	8510/122-05-235-070	217528	1.3 kg
	1.60-2.4 A	3-pole (3 NO)	2 (1 NO + 1 NC)	8510/122-05-235-080	217529	1.3 kg
	4.00-6 A	3-pole (3 NO)	2 (1 NO + 1 NC)	8510/122-05-235-100	217530	1.3 kg
	6.00-10 A	3-pole (3 NO)	2 (1 NO + 1 NC)	8510/122-05-235-120	217531	1.3 kg
	10.00-16 A	3-pole (3 NO)	2 (1 NO + 1 NC)	8510/122-05-235-130	217532	1.3 kg
	16.00-22.5 A	3-pole (3 NO)	2 (1 NO + 1 NC)	8510/122-05-235-140	217533	1.3 kg

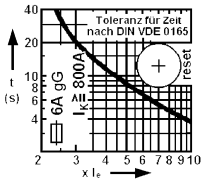
Technical Data

Explosion Protection	
IECEx gas explosion protection	Ex db eb IIC Gb
IECEx firedamp protection	Ex db eb I Mb
ATEX gas explosion protection	Ⓔx II 2 G Ex db eb IIC Gb
ATEX firedamp protection	Ⓔx I M2 Ex db eb I Mb
Certificates	ATEX (BVS), Brazil (ULB), Canada (FM), China (CQST), IECEx (BVS), USA (FM)
Ambient Conditions	
Ambient temperature	-20 °C ... +60 °C
Mechanical Data	
Degree of protection (IP)	IP20
Enclosure material	Epoxy resin

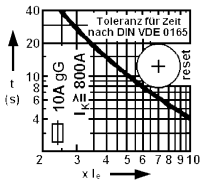
E9

Technical Drawings – Subject to Alterations

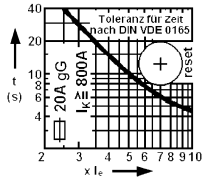




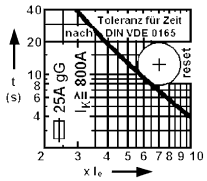
Adjustment range: 1.0 to 1.6 A



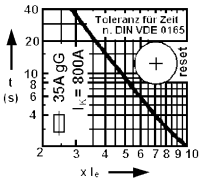
Adjustment range: 1.6 to 2.4 A



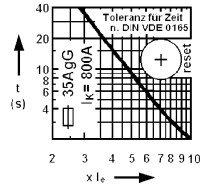
Adjustment range: 4.0 to 6.0 A



Adjustment range: 6.0 to 10.0 A



Adjustment range: 10.0 to 16.0 A



Adjustment range: 16.0 to 22.5 A

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