



- Cost-effective overload protection for motors
- Easy to adjust and reset the release
- Robust modules, simple and anti-vibration installation

E9

WebCode **8510J**



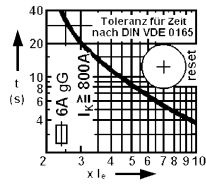
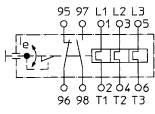
R. STAHL Series 8510 motor protection relays offer cost-effective overload protection for motors with adjustment ranges up to 22.5 A. The release can be easily adjusted and reset. The relay modules in the corrosion-resistant enclosure have an anti-vibration screw connection in Ex e enclosures. Easily accessible terminals enable a safe connection and simple installation.

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

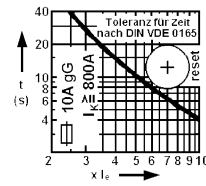
Selection Table						
Product Description	Motor protection relay					
Figure	Current-setting range	Main contacts	Auxiliary contacts	Product Type	Art. No.	Weight kg
	1 – 1.6 A	3-pole (3 NO)	2 (1 NO + 1 NC)	8510/122-05-235-070	217528	1.300
	1.6 – 2.4 A	3-pole (3 NO)	2 (1 NO + 1 NC)	8510/122-05-235-080	217529	1.300
	4 – 6 A	3-pole (3 NO)	2 (1 NO + 1 NC)	8510/122-05-235-100	217530	1.300
	6 – 10 A	3-pole (3 NO)	2 (1 NO + 1 NC)	8510/122-05-235-120	217531	1.300
	10 – 16 A	3-pole (3 NO)	2 (1 NO + 1 NC)	8510/122-05-235-130	217532	1.300
	16 – 22.5 A	3-pole (3 NO)	2 (1 NO + 1 NC)	8510/122-05-235-140	217533	1.300

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	Ⓜ II 2 G Ex db eb IIC Gb
ATEX firedamp protection	Ⓜ I M2 Ex db eb I Mb
ATEX firedamp protection 2	Ⓜ I M2 Ex 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

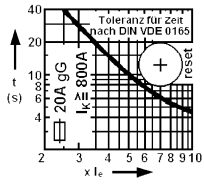
Technical Drawings – Subject to Alterations



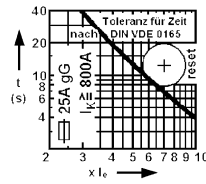
Adjustment range: 1.0 – 1.6 A



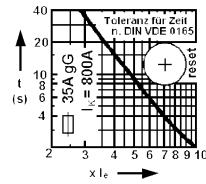
Adjustment range: 1.6 – 2.4 A



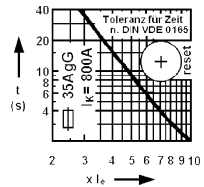
Adjustment range: 4.0 – 6.0 A



Adjustment range: 6.0 – 10.0 A



Adjustment range: 10.0 – 16.0 A



Adjustment range: 16.0 – 22.5 A

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

