
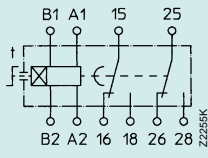


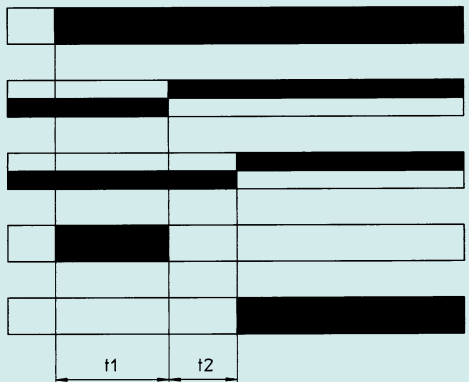
## EEx de Enclosure Modular System Time Relay for Motor Starter Series 8510

This relay is specifically designed for star-delta starting of squirrel-cage motors. It has two separate time circuits: one variable time circuit to set the run-up time of the motor and a permanently set time circuit to change over from star to delta running.

### Selection table

Version	Description	Ordering code
		<b>8510/112-09-S25</b>

### Technical data (see also page 11/83)

Version	8510/112-07-19-021		
General data			
Power consumption	24 V, UC 48 V, UC 110 V, AC 240 V, AC	(B1-A2) (B2-A2) (A1-A2) (A1-A2)	app. 2 VA / W app. 2 VA / W app. 2 VA app. 3 VA
Vibration resistance	10 g at F = 55 Hz; a = ± 0,95 mm, 2 h per level		
Life	30 million operations 100000 operations, at 8 A, 220 V AC, resistive load		
Output circuit			
Relay output	yes		
Contacts	2 CO		
Switching voltage	250 V; AC		
Switching current	AC-1: 4 A AC-11: 1,5 A		
Input circuit			
Supply voltage	AC: 110 ... 240 V UC: 24 V 42 ... 48 V		
Mains frequency	50/60 Hz		
Tolerances on supply voltage	- 15 % ... + 10 %		
Duty cycle	100 %		
Functional diagram	 <p>t 1 = adjusted delay time                      t 2 = fixed delay time</p>		