
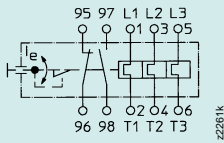


Selection table

Version	Description Schematic	Timing range	Ordering code	Weight [kg]
 <p>8510 Motor protection relay</p>		0,11 – 0,16 A	8510/141-05-35-010	1,59
		0,14 – 0,2 A	8510/141-05-35-020	
		0,18 – 0,25 A	8510/141-05-35-030	
		0,22 – 0,32 A	8510/141-05-35-040	
		0,28 – 0,4 A	8510/141-05-35-050	
		0,35 – 0,5 A	8510/141-05-35-060	
		0,45 – 0,63 A	8510/141-05-35-070	
		0,55 – 0,8 A	8510/141-05-35-080	
		0,7 – 1,0 A	8510/141-05-35-090	
		0,9 – 1,2 A	8510/141-05-35-100	
		1,1 – 1,6 A	8510/141-05-35-110	
		1,4 – 2,0 A	8510/141-05-35-120	
		1,8 – 2,5 A	8510/141-05-35-130	
		2,2 – 3,2 A	8510/141-05-35-140	
		2,8 – 4,0 A	8510/141-05-35-150	
		3,5 – 5,0 A	8510/141-05-35-160	
		4,5 – 6,3 A	8510/141-05-35-170	
		5,5 – 8,0 A	8510/141-05-35-180	
		7,0 – 10,0 A	8510/141-05-35-190	
		9,0 – 11,0 A	8510/141-05-35-200	
10,0 – 16,0 A	8510/122-05-25-130			
16,0 – 22,5 A	8510/122-05-25-140			

Technical data (see also page 11/83)

Ambient temperature				
Operation	– 40° C ... + 70° C			
Storage	– 20° C ... + 40° C			
Phase-failure protection	yes			
Reset	operated by button externally			
Temperature compensation	yes			
Trip level	10 A			
Trip-free mechanism	trip-free, also by pushing stay-put button			
Mounting position	any			
Primary circuits				
Rated working voltage U_e	690 V; AC			
Back-up fuse	for fuses, refer to trip characteristics			
Current heat loss	6 W (in 3 circuits)			
Terminal cross sections for flexible leads solid leads	1,5 ... 6 mm ² 1,5 ... 10 mm ²			
Auxiliary and control circuits				
Contacts	1 NO + 1 NC			
Terminal cross sections for flexible leads solid leads	0,75 ... 1,5 mm ² 0,75 ... 2,5 mm ²			
Rated working voltage U_e	8510/141-05-35 8510/122-05-25	690 V~ 500 V~		
Rated working current I_e	AC-15 8510/141-05-35 NC / NC NO / NO	230 V~ 3 A 2 A	400 V~ 1,5 A 1 A	690 V~ 0,6 A 0,6 A
	8510/122-05-25 NC / NC NO / NO	220/240 V~ 1,5 A 1,5 A	380/415 V~ 0,9 A 0,5 A	500 V~ 0,8 A 0,5 A
Conventional thermal current	6 A			
Short-circuit rating without contact welding	6 A; gL			