
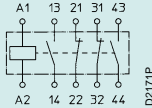

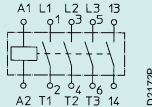
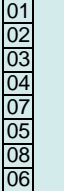


Selection table

Version	Description	Schematic	Ordering code	Weight [kg]
 <b>8510</b> Control relay			<b>8510/141 – 03 – 66 – □□0</b>	1,45
 <b>8510</b> Contactor 2,2 ... 4 kW	Utilisation category: AC-3; 50/60 Hz		<b>8510/141 – 03 – 11 – □□0</b>	1,5
	Rated voltage [V] Motor rating [kW]	220 240 380 415 440 480 500 600 660 690 2,2 4 4 4 4	 <b>8510/141 – 03 – 12 – □□0</b>	1,5
Coil voltage:		24 V, 50/60 Hz 42 V, 50/60 Hz 110 V, 50/60 Hz 220/230 V, 50/60 Hz 230/240 V, 50/60 Hz 380/400 V, 50/60 Hz 400/415 V, 50/60 Hz 500 V, 50/60 Hz		Specify voltage!

Technical data (see also page 11/83)

	8510/141 – 03 – 66 ... Control relay	8510/141 – 03 – 11 ... 8510/141 – 03 – 12 ... Contactor
Ambient temperature Storage Operation at U <sub>c</sub>	– 50° C ... + 80° C – 20° C ... + 40° C	– 50° C ... + 80° C – 20° C ... + 40° C
Main contacts Rated working voltage U <sub>e</sub> Continuous current I <sub>th</sub> Rated working frequency Frequency range Terminals for flexible wires solid wires	– – – – – – –	max. 690 V 16 A 50/60 Hz 0 ... 400 Hz 20 A, gL for U > 400 V, I <sub>k</sub> ≥ 400 A 25 A, gL for U ≤ 440 V, I <sub>k</sub> ≥ 500 A 1,5 ... 6 mm <sup>2</sup> 1,5 ... 10 mm <sup>2</sup>
Auxiliary contacts Rated working voltage U <sub>e</sub> Continuous current I <sub>th</sub> Frequency range Terminals for flexible wires solid wires Back-up fuse	max. 690 V max. 10 A 0 ... 400 Hz 0,75 ... 1,5 mm <sup>2</sup> 0,75 ... 2,5 mm <sup>2</sup> 10 A, gL; to: IEC 947, VDE 0660	max. 690 V max. 6 A 0 ... 400 Hz 0,75 ... 1,5 mm <sup>2</sup> 0,75 ... 2,5 mm <sup>2</sup> 10 A, gL; to: IEC 947, VDE 0660