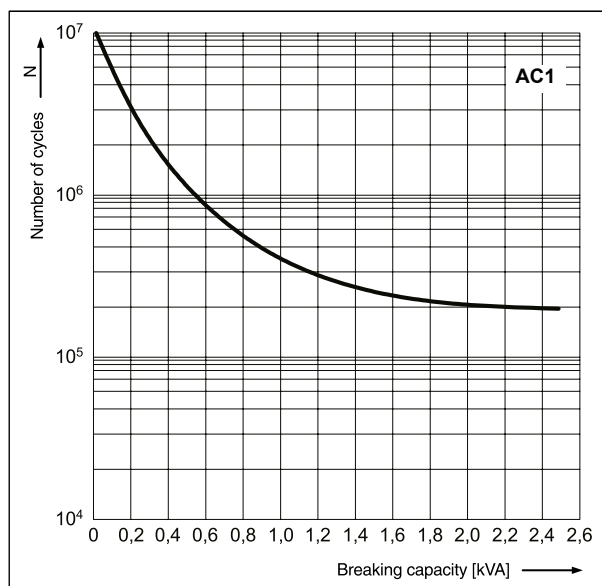


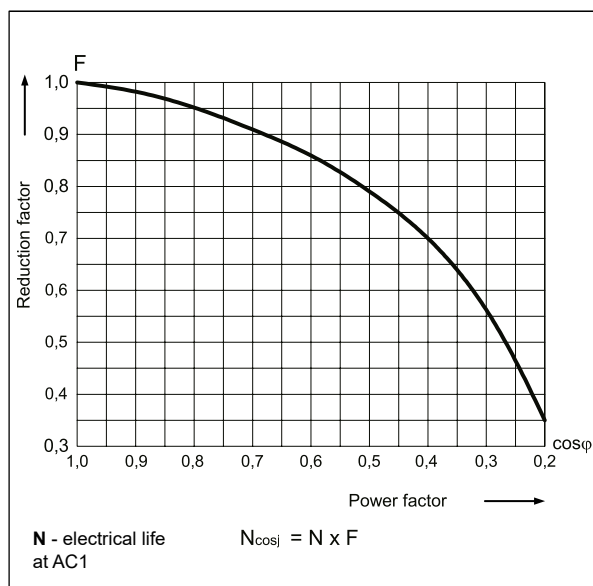
Electrical life at AC resistive load.
Switching frequency: 1 200 cycles/hour

Fig. 1



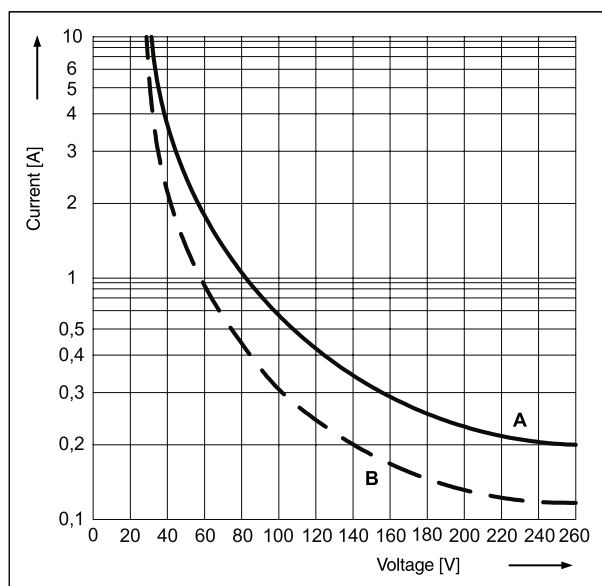
Electrical life reduction factor at AC inductive load

Fig. 2

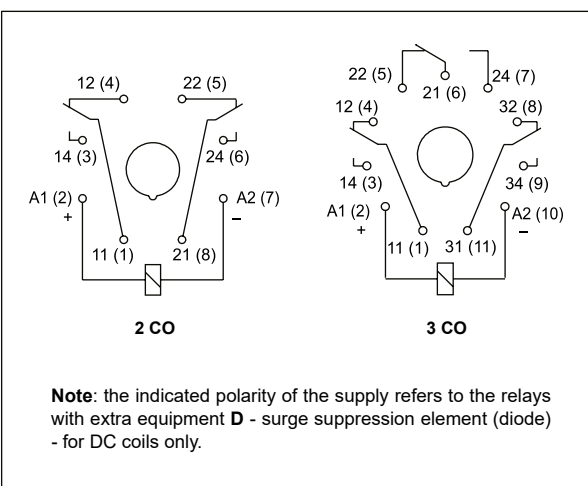


Max. DC breaking capacity
A - resistive load DC1
B - inductive load L/R = 40 ms

Fig. 3



Connection diagrams (pin side view)



R15 - 2 CO, 3 CO

industrial relays of small dimensions

Coil data - DC voltage version

Table 1

Coil code	Rated voltage V DC	Coil resistance at 20 °C Ω	Acceptable resistance	Coil operating range V DC	
				min. (at 20 °C)	max. (at 70 °C)
1006	6	28	$\pm 10\%$	4,8	6,6
1012	12	110	$\pm 10\%$	9,6	13,2
1024	24	430	$\pm 10\%$	19,2	26,4
1048	48	1 750	$\pm 10\%$	38,4	52,8
1060	60	2 700	$\pm 10\%$	48,0	66,0
1110	110	9 200	$\pm 10\%$	88,0	121,0
1120	120	11 000	$\pm 10\%$	96,0	132,0
1220	220	37 000	$\pm 10\%$	176,0	242,0

The data in bold type relate to the standard versions of the relays.

Coil data - AC 50/60 Hz voltage version

Table 2

Coil code	Rated voltage V AC	Coil resistance at 20 °C Ω	Acceptable resistance	Coil operating range V AC	
				min. (at 20 °C)	max. (at 55 °C)
5006	6	4,3	$\pm 15\%$	4,8	6,6
5012	12	18,5	$\pm 15\%$	9,6	13,2
5024	24	75	$\pm 15\%$	19,2	26,4
5048	48	305	$\pm 15\%$	38,4	52,8
5060	60	475	$\pm 15\%$	48,0	66,0
5115	115	1 840	$\pm 15\%$	92,0	126,5
5120	120	1 910	$\pm 15\%$	96,0	132,0
5220	220	6 980	$\pm 15\%$	176,0	242,0
5230	230	7 080	$\pm 15\%$	184,0	253,0
5240	240	7 760	$\pm 15\%$	192,0	264,0

The data in bold type relate to the standard versions of the relays.

