

CE UK CA CCC SP EAC EN 03 EN 15 LR RISA CUL US VDE

Technical data

Insulation according to EN 61810-1

		1 pole		2 pole	
Nominal voltage of supply system	V AC	230/400		230/400	
Rated insulation voltage	V AC	250	400	250	400
Pollution degree		3	2	3	2

Insulation between coil and contact set

Type of Insulation		Reinforced (8 mm)		Reinforced (8 mm)	
Overvoltage category		III		III	
Rated impulse voltage	kV (1.2/50 μ s)	6		6	
Dielectric strength	V AC	4000		4000	

Insulation between adjacent contacts

Type of insulation		—		Basic	
Overvoltage category		—		III	
Rated impulse voltage	kV (1.2/50 μ s)	—		4	
Dielectric strength	V AC	—		2000	

Insulation between open contacts

Type of disconnection		Micro-disconnection		Micro-disconnection	
Dielectric strength	V AC/kV (1.2/50 μ s)	1000/1.5		1000/1.5	

Insulation between coil terminals

Rated impulse voltage (according to EN 61180)	kV (1.2/50 μ s)	2			
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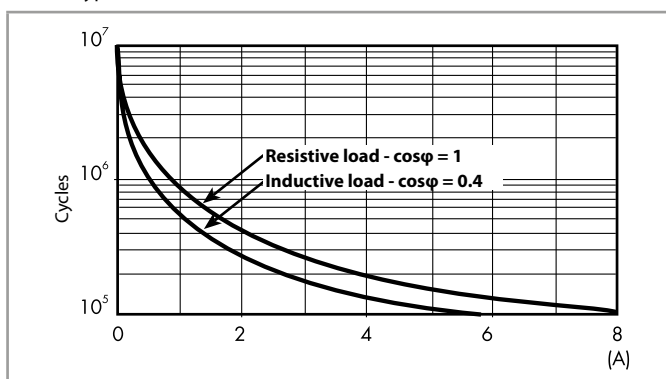
Other data

		46.61	46.52
Bounce time: NO/NC	ms	2/6	1/4
Vibration resistance (10...150)Hz: NO/NC	g	20/12	20/15
Shock resistance	g	20	20
Power lost to the environment	without contact current	W 0.6	0.6
	with rated current	W 1.6	2
Recommended distance between relays mounted on PCB	mm	≥ 5	

Contact specification

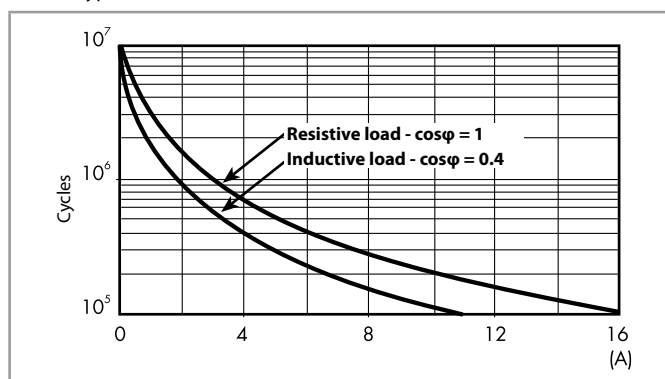
F 46 - Electrical life (AC) v contact current

Type 46.52

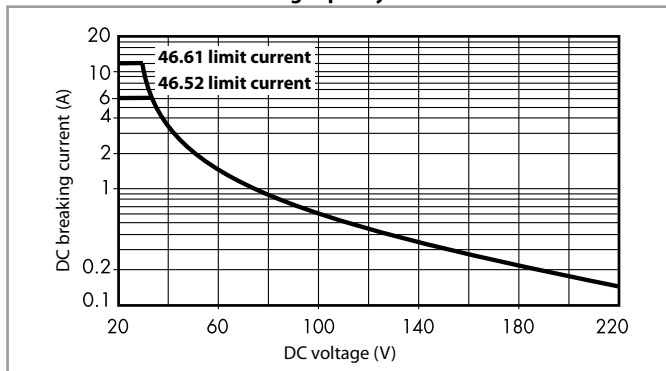


F 46 - Electrical life (AC) v contact current

Type 46.61



H 46 - Maximum DC1 breaking capacity



- When switching a resistive load (DC1) having voltage and current values under the curve, an electrical life of $\geq 100 \cdot 10^3$ can be expected.
- In the case of DC13 loads, the connection of a diode in parallel with the load will permit a similar electrical life as for a DC1 load.

Note: the release time for the load will be increased.