

SKR 085-M - industry magnetic blow out relay, 2-pole



Industry magnetic blow out relay with two pole contacts in different versions.

order numbers

serial version	SKR 085-M... VDC/AC
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contact specifications

contact material	AgCuNi
contact type	single contact
nominal switching capacity	10 A 250 VAC 1 2.5 A 220 VDC 1 (NC) 5.0 A 220 VDC 1 (NO) 2.0 A 220 VDC L/R 7ms (NC) 3.0 A 220 VDC L/R 7ms (NO)
electric life expectancy at nominal load	≥100'000 operations (NO) & 72500 operations (NC)
inrush current max.	40 A for 20 ms
switching current max.	30 mA to 10 A
switching power range	0,3 VA(W) to 2500 VA
contact resistance	20 m Ohms

options

electrical position indication	SKR 085-M L...
with free wheel diode	SKR 085-M F...
electrical position indication with free wheel diode	SKR 085-M FL...
without manual actuation	SKR 085-M B...

(combinations with electrical position indication and free-wheel diode are possible)

general data

mechanic life expectancy	10 ⁸ operations
mechanical switching frequency	20 Hz
pull-in time	12 ms at DC / 3-10 ms at AC
release time	3,5 ms at DC / 2-15 ms at AC
bounce time normally open contact	3,5 ms at DC / 3-6 ms at AC
bounce time normally closed contact	9 ms at DC / 6-11 ms at AC
shock resistanc	AK: > 10 g
vibration resistance	10-55 Hz, AK: 10 g, RK: 3 g
test voltage, coil/contact	2500 V _{eff}
test voltage, open contact	1500 V _{eff}
test voltage, adjacent contact	2000 V _{eff}
insulation resistance @ 500 VDC	200 M Ohms
weight	app. 80 g
installation situation	any
ambient temperature	max. +70 °C
protection standard	IP 40

accessories

Plug in socket accessories (metal clamp)	ZKR 089 ZKR 008
Plug in socket accessories (metal clamp)	ZKE 088 ZKR 008
accessories (timer module)	STM 100

tests, instructions

certificates	CE
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