

SPR-1-A-M - industry magnetic blow out relay, 1- pole



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

order numbers

serial version	SPR-1-A-M... VDC/AC
with mechanical position indication	

contact specifications

contact material: code 1 (standard)	AgCuNi + 0.2 Au
code 2 (optional)	AgCuNi + 5.0 Au
contact type	single contact
nominal switching capacity	250 VAC 1 10 A 220 VDC 1 4 A 220 VDC 7ms A
electric life expectancy	≥100'000 operations 250 VAC, 10 A, AC1 (360 operations/h)
max. peak inrush current	30A for 20 ms
switching current max.	10 A
contact resistance	20 m Ohms

options

electrical	
position indication	SPR-1-A-M L...
with free wheel diode	SPR-1-A-M F...
electrical	
position indication	
with free wheel diode	SPR-1-A-M FL...
without manual	
actuation	SPR-1-A-M B...
current coil	SPR-1-A-M C...
(combinations with mechanical and electrical position indication and free-wheel diode are possible)	

general data

mechanic life expectancy	10 million AC, 20 million DC
mechanical switching frequency	20 Hz
Operate / Release & Bounce Time Max. for Operate / Release & Bounce Time Max. for	10 ms
test voltage, coil/contact	8 ms
test voltage, open contact	5 KV
insulation resistance	1 KV
weight	> 3 GΩ
installation situation	app. 21 g
ambient temperature	any
protection standard	max. +70 °C
	IP 40

accessories

plug-in socket accessories	ZPE-1
plug-in socket accessories	ZPE-1-L
plug-in socket accessories	ZPD-1
accessories	ZPD-1-B1
accessories	ZPD-1-B4
PCB socket	ZPR-1

tests, instructions

certificates	CE
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