

SPR-1A - industry relay, 1-pole



Industry relay with one change-over pole contacts in different versions.

order numbers

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

contact specifications

contact material: code 1 (standard) code 2 (optional)	AgCuNi + 0.2 Au AgCuNi + 5.0 Au
contact type	single contact
nominal switching capacity	250 VAC 1 10 A 30 VDC 1 10 A 110 VDC 1 0.5 A 220 VDC 1 0.2 A
electric life expectancy	100'000 operations 250 VAC, 10 A, AC1 (360 operations/h)
max. peak inrush current	30 A for 20 ms
switching current max.	10 A
contact resistance	20 m Ohms

options

electrical position indication	SPR-1A L...
with free wheel diode	SPR-1A F...
electrical position indication with free wheel diode	SPR-1A FL...
without manual actuation	SPR-1A B...
current coil	SPR-1A 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	10 ms
Operate / Release & Bounce Time Max. for	8 ms
test voltage, coil/contact	5 KV
test voltage, open contact	1 KV
insulation resistance	> 3 GΩ
weight	app. 21 g
installation situation	any
ambient temperature	max. +70 °C
protection standard	IP 40

accessories

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

tests, instructions

certificates	CE
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