

SKR 138A - industry relay 3-pole



Industry relay with three pole contacts in different versions

order numbers

serial version	SKR 138 A... VDC/AC
with mechanical position indication and manual actuation	

contact specifications

contact material (Standard)	AgCuNi
contact material (Optional 1)	AgCuNi + 0.2 Micron Au
contact material (Optional 2)	AgCuNi + 0.5 Micron Au
contact type	single contact
nominal switching capacity	10 A 250 VAC 1 10 A 30 VDC 1
electric life expectancy at nominal load	≥100'000 operations
inrush current max.	30 A for 20 ms
switching current max	10 A
switching power range	0,3 VA(W) to 2500 VA
contact resistance	20 m Ohms

options

electrical position indication	SKR 138 A-L...
with free wheel diode	SKR 138 A-F...
electrical position indication with free wheel diode	SKR 138 A-FL...
without manual actuation	SKR 138 A-B...
push-button actuation	SKR 138 A-T...
current coil	SKR 138 A-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
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 resistance	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 119 ZKR 008
Plug in socket accessories (metal clamp)	ZKE 118
accessories (timer module)	ZKR 008 STM 100

tests, instructions

certificates	CE
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