

# SKR 138G - industry normally open relay, 3-pole



Industry normally open three pole contacts relay in different versions.

## order numbers

serial version	SKR 138-G... 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-G-L...
with free wheel diode	SKR 138-G-F...
electrical position indication with free wheel diode	SKR 138-G-FL...
without manual actuation	SKR 138-G-B...
push-button actuation	SKR 138-G-T...
current coil	SKR 138-G-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 <sub>eff</sub>
test voltage, open contact	1500 V <sub>eff</sub>
test voltage, adjacent contact	2000 V <sub>eff</sub>
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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