

# R10-Z1NX/DC5-48V

1 pole | normally open solid state DC | Faston



## Main circuit

Output type	MOSFET
Type	Instantaneous
Logic	NPN
Output voltage range	5 ... 48 V DC
Recommended minimum contact load	1 mA
Residual current	0.012 mA
Maximum voltage drop	≤ 0.14 V DC
Rated current	6 A
Inrush current	40 A, 10 ms
Rated load DC	360 W

## Control circuit

Nominal voltage	see table product references
Operating voltage range	5 ... 48 V DC
Input voltage range	4.75 ... 60 V DC
Input current	4 mA
Pick-up voltage	5 V DC
Release voltage	< 4.75 V
Power consumption DC	300 mW

## General data

Storage temperature (no ice)	-40 ... 85 °C
Operation temperature	-40 ... 70 °C
Pick-up time	0.06 ms
Release time	0.06 ms
Ingress Protection	IP 40
Weight	28 g
Housing material	PA

## Product references

Description	Type	5-48
DC	R10-Z1NX/DC...V	✓

«...» List coil voltage to complete product references

## Accessories

Socket	S10-GR, S10-PIR
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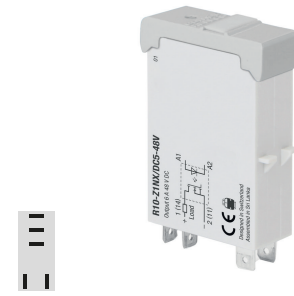


fig. 1. Wiring diagram

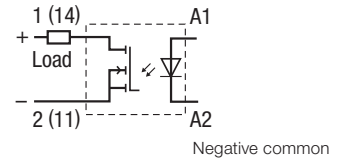


fig. 2. DC derating curve

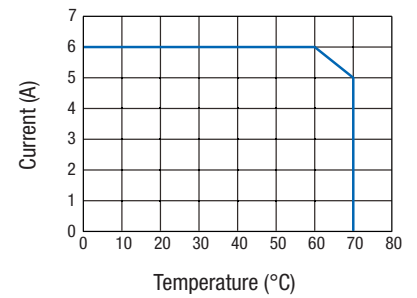
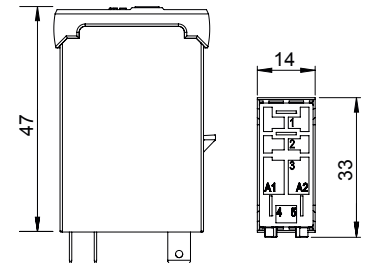


fig. 3. Dimensions (mm)



## Technical approvals, conformities

Standards IEC/EN 60947  
 Railway EN 45545-2; EN 50155

