

R10-Z1ZX/DC5-48V

1 pole | normally open solid state AC | Faston



Main circuit

Output type	TRIAC
Type	Synchronized zero
Output voltage range	24 ... 250 V AC
Recommended minimum contact load	35 mA
Residual current	5 mA
Maximum voltage drop	≤ 1.1 V AC
Rated current	3 A
Inrush current	150 A, 10 ms
Rated limit load I ² t	210 A ² s
Rated load AC	750 VA

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	10 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	10 ms
Release time	10 ms
Ingress Protection	IP 40
Weight	28 g
Housing material	PA

Product references

Description	Type	5-48
DC	R10-Z1ZX/DC...V	✓

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

Accessories

Socket	S10-GR, S10-PIR
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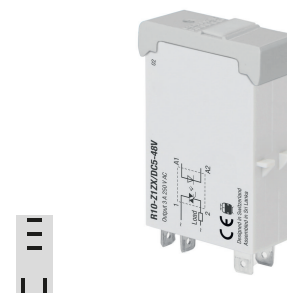


fig. 1. Wiring diagram

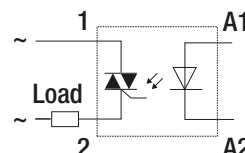


fig. 2. AC derating curve

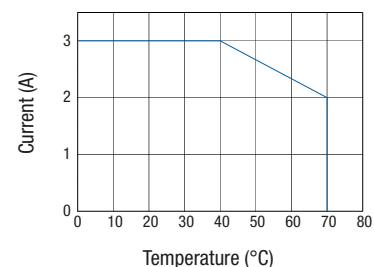
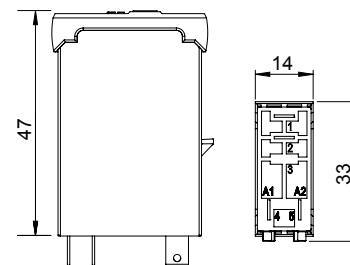


fig. 3. Dimensions (mm)



Technical approvals, conformities

Standards IEC/EN 60947

Railway EN 45545-2; EN 50155

Approvals