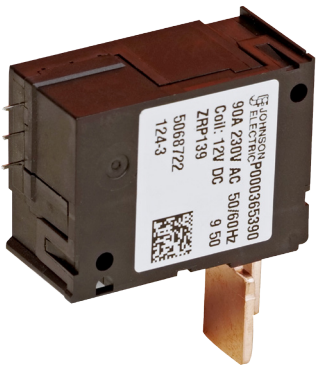


Johnson Electric ZRP1

ZRP1

Switching capacity	230 VAC, 120 A
Compliance	UC3 according IEC 62052-31
Small size (mm)	43 x 33 x 22 (LWH)
Contacts	Double breaking contacts
Custom assemblies	Multiple PIN and terminal configurations



Standard Data

Compliance	UC3 according IEC 62052-31
Operating temperature	-40°C ... +85°C
Storage temperature	-40°C ... +100°C
Humidity	95% RH
RoHS	according to 2002/95/EC
Weight	68 g
Creepage and clearance distance (coil to contact)	8 mm
Test voltage (coil to contact)	4000 VAC eff.
Test voltage (open contacts)	2000 VAC eff.
Dielectric strength (coil to contact)	12 kV / 1.2 / 50 µsec.

Order Reference

Type ZRP1 Electricity Disconnect Relay



Disclaimer: Data sheet for reference only. Technical details and specification may change at any time based on improvements and other reasons. For a detailed specification and application support please contact your local Johnson Electric sales agency.

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Electrical Data

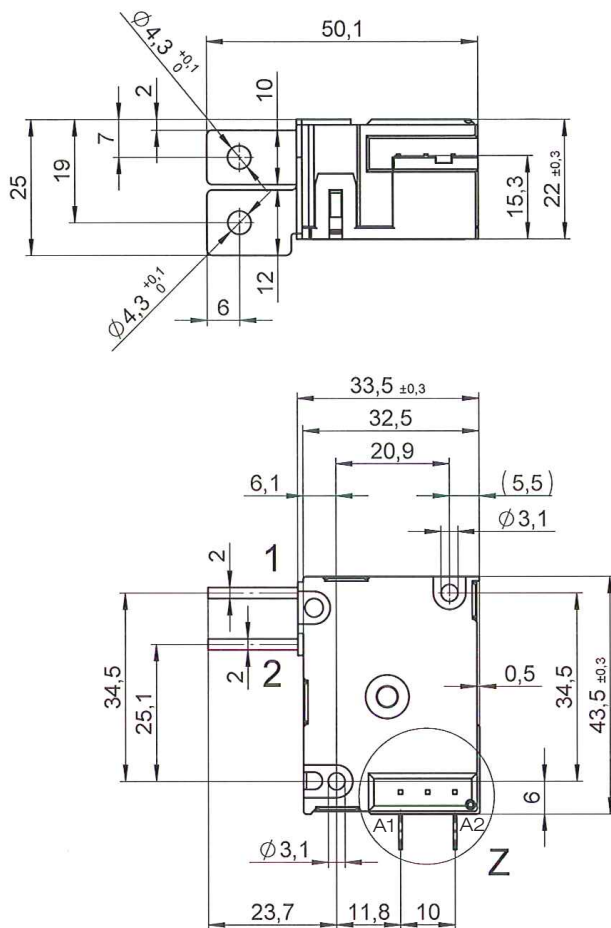
Coil data	Operating voltage	12 VDC \pm 10% (other on request)
	Pulse to set	20 ms
	Rated power consumption	4.8 W
Contact data	Contact material	AgSnO ₂
	Maximum switching power	28 kVA
	Maximum switching voltage	276 VAC
	Maximum switching current	120 A
	Nominal switching current	100 A
	Mechanical life	10 ⁶

Circuit diagram ZRP1

Schaltstellung contact position		
Ansteuersignal Control signal	A1 / A2 (-) (+)	A1 / A2 (+) (-)

Dimensions ZRP1

(other PIN and Terminal configurations on request)



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