



Hovedkarakteristikk

Produktspekter	Zelio Relay
Serie navn	Interface relay
Produkt eller komponent type	Plugg-inn rel�e
Kortnavn utstyr	RSB
Kontakttype og sammensetning	1 C/O
Driftsomr�de kontakter	Standard
Styrespenning	24 V DC
[Ithe] nominell termisk str�m, kapselt	12 A p� -40...40 �C
Status LED	Uten
Kontrolltype	Uten trykk knapp
Salg per udelelig kvantitet	10

Alternativer

Shape of pin	Flat
Gjennomsnittlig motstand	1440 Ohm (DC) p� 20 �C +/- 10 %
[Ue] merkespenning	19.2...26.4 V DC
[Ui] isolasjonsspenning	400 V i samsvar med EN/IEC 60947
[Uimp] Nominell impuls ­ spenning	3.6 kV i samsvar med IEC 61000-4-5
Kontaktmateriale	S�lvlegering (Ag/Ni)
[Ie] nominell driftsstr�m	12 A, Nei (AC-1/DC-1) i samsvar med IEC 6 A, NC (AC-1/DC-1) i samsvar med IEC
Minimum brytestr�m	5 mA
Maksimum brytespenning	300 V DC 400 V AC
Koblingsspenning	5 V
Maksimum svitsjekapasitet	3000 VA (AC) 336 W (DC)
Belastningsstr�m	12 A p� 250 V AC 12 A p� 28 V DC
Minimum switching capacity	300 mW p� 5 mA
Bruksomr�de	<= 600 cycles/hour under load <= 72000 cycles/hour ubelastet
Mekanisk levetid	30000000 sykluser
Elektrisk levetid	100000 sykluser (12 A p� 250 V, AC-1) Nei 100000 sykluser (6 A p� 250 V, AC-1) NC
Driftstid	4 ms between coil de-energisation and making of the Off-delay contact 9 ms between coil energisation and making of the On-delay contact
Merking	CE
Average consumption in W	0.45 W DC
Drop-out voltage threshold	>= 0.1 Uc DC
Sikkerhet p�litelighet data	B10d = 100000
Beskyttelseskategori	RT I
Driftsposisjon	Alle posisjoner
Enhetens utseende	Komplett produkt

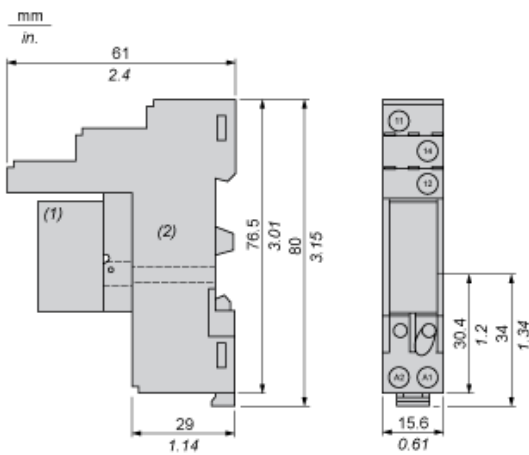
Milj 

dielektrisk styrke	1000 V AC between contacts 2500 V AC mellom poler 5000 V AC between coil and contact
standarder	EN/IEC 61810-1

produktsertifikater	CSA GOST UL
omgivelsestemperatur for lagring	-40...85 °C
Vibrasjonsmotstand	+/- 1 mm (f = 10...55 Hz) i samsvar med EN/IEC 60068-2-6
IP-grad	IP40 i henhold til EN/IEC 60529
støtmotstand	10 gn for 11 ms not operating i samsvar med EN/IEC 60068-2-27 5 gn for 11 ms in operation i samsvar med EN/IEC 60068-2-27
omgivelsestemperatur for drift	-40...70 °C (AC) -40...85 °C (DC)

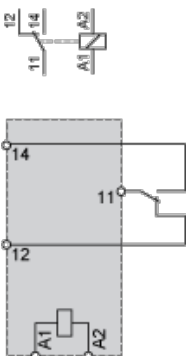
Dimensions

Relay Complete with Socket



- (1) Relays
- (2) Socket

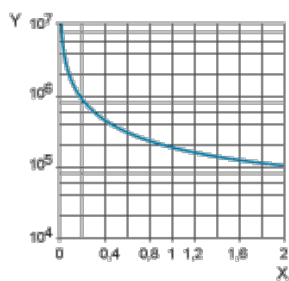
Wiring Diagram



Electrical Durability of Contacts

Durability (inductive load) = durability (resistive load) x reduction coefficient.

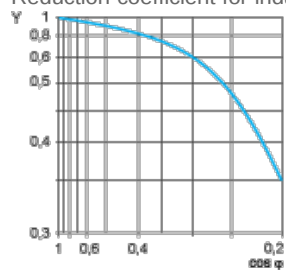
Resistive AC load



X Switching capacity (kVA)

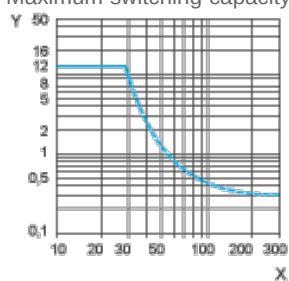
Y Durability (Number of operating cycles)

Reduction coefficient for inductive AC load (depending on power factor $\cos \phi$)



Y Reduction coefficient (A)

Maximum switching capacity on resistive DC load



X Voltage DC

Y Current DC

Note : These are typical curves, actual durability depends on load, environment, duty cycle, etc.