



Main

Range of product	Zelio Relay
Series name	Interface relay
Product or component type	Plug-in relay
Device short name	RSL
Contacts type and composition	1 C/O
Contact operation	Standard
[Uc] control circuit voltage	24 V DC
[Ithe] conventional enclosed thermal current	6 Aat -40...131 °F (-40...55 °C)
Status LED	With
Shape of pin	Flat (PCB type)
Sale per indivisible quantity	10

Complementary

Fixing mode	Plastic compression spring
Average resistance	3390 Ohm (DC)at 23 °C +/- 10 %
[Ui] rated insulation voltage	250 V conforming to EN/IEC 277 V conforming to cUL
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC
Contacts material	Silver alloy (AgSnO2)
[Ie] rated operational current	6 A 1 C/O (AC-1/DC-1) conforming to IEC/UL
Minimum switching current	100 mA
Maximum switching voltage	277 V
Switching voltage	12 V
Maximum switching capacity	1500 VA 150 W
Minimum switching capacity	120 mW
Operating rate	<= 72000 cycles/hour no-load <= 360 cycles/hour under load
Mechanical durability	<= 10000000 cycles
Electrical durability	60000 cyclesfor resistive load (6 Aat 250 V, AC-1)
Operating time	5 ms 12 ms reset
Marking	CE
Protection category	RT III
Operating position	Any position
Height	3.09 in (78.6 mm)
Width	0.24 in (6.2 mm)
Depth	3.98 in (101 mm)
Terminals description ISO n°1	(11-12-14)OC (A1-A2)CO
Product weight	0.06 lb(US) (0.029 kg)
Load current	6 Aat 250 V ACfor 0.5 mm mounting distance
Average coil consumption	0.17 W DC
Drop-out voltage threshold	>= 0.05 Uc
Contact terminal arrangement	Separate
Connections - terminals	Spring terminals (1 x 0.2...1 x 1.5 mm ² / AWG 24...AWG 16) flexible cable with cable end Spring terminals (1 x 0.2...1 x 1.5 mm ² / AWG 24...AWG 16) solid cable without cable

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	end
Tightening torque	10...40 N.m
Safety reliability data	B10d = 60000
Clamping force	10...40 N
Control type	Without push-button
Mounting support	35 mm symmetrical DIN rail
Device presentation	Complete product

Environment

input voltage	24 V AC/DC (input voltage limit: 21.6...28.8 V)
dielectric strength	1000 V AC (between contacts) 4000 V AC (between coil and contact)
standards	EN/IEC 61810-1 UL 508 CSA C22.2 No 14
product certifications	CSA GOST UL
ambient air temperature for storage	-40...185 °F (-40...85 °C)
vibration resistance	5 gn +/- 1 mm (f = 10...150 Hz) 10 cycles in operation conforming to EN/IEC 60068-2-6 10 gn +/- 1 mm (f = 10...150 Hz) 10 cycles not operating conforming to EN/IEC 60068-2-6
IP degree of protection	IP40 conforming to EN/IEC 60529
shock resistance	5 gn for 11 ms not operating conforming to EN/IEC 60068-2-27 10 gn for 11 ms in operation conforming to EN/IEC 60068-2-27
ambient air temperature for operation	-40...131 °F (-40...55 °C)

Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 1417 - Schneider Electric declaration of conformity	Compliant - since 1417 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Available	Available

Contractual warranty

Warranty period	18 months
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Dimensions

