

Main

Range of product	Zelio Relay
Product or component type	Solid state relay
Device short name	SSL
Network number of phases	1 phase

Complementary

Mounting support	Socket
[In] rated current	0.1 A
Output voltage	1...48 V DC
Control circuit voltage	90...140 V DC 190...250 V DC 90...140 V AC 38...72 V DC 190...250 V AC
Contacts type and configuration	1 NO
Capacitance unbalance	<= 1.5 pF input/output
Switching voltage	>= 38 V DC turn-on <= 10 V DC turn-off
Input current limits	3 mA
Input impedance	20 kOhm
Solid state output type	Transistor output DC switching
Load current	0.001...0.1 A
Absolute maximum voltage	60 V
Maximum operating frequency	500 Hz
Surge current	<= 0.3 A for 10 ms
Voltage drop	<= 1 V on-state
Leakage current	<= 0.001 mA off-state
Response time	0.13 ms turn-off 0.02 ms turn-on
Overvoltage category	III
Width	5 mm
Height	28 mm
Depth	15 mm
Product weight	0.0041 kg

Environment

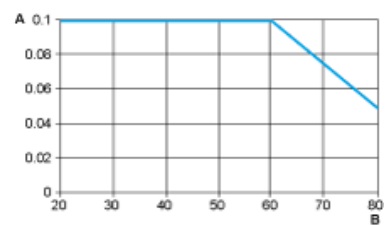
Flame retardance	V0 conforming to UL 94
Dielectric strength	3750 V for input/output
Pollution degree	2
Standards	IEC 61000 IEC 60950-1 IEC 62314
Product certifications	CSA RoHS UL REACH
Marking	CE
IP degree of protection	IP67
Ambient air temperature for operation	-20...80 °C
Ambient air temperature for storage	-20...85 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1328 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Need no specific recycling operations

[illegible]

Derating Curves



A : Load Current (Amperes)
B : Ambient Temperature (°C)