



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	Screw socket
[In] rated current	2 A
Contacts type and composition	1 NO
Tightening torque	< 0.5 N.m 4.4 lb-in
Connections - terminals	Flexible cable with cable end : 0.2...2.5 mm ² (AWG 24...AWG 14) Solid cable with cable end : 0.2...2.5 mm ² (AWG 24...AWG 14)
Capacitance unbalance	1.5 pF input/output
Minimum switching voltage	4 V DC turn-on
Maximum switching voltage	1 V DC turn-off
Input impedance	333 kOhm
Solid state output type	Random voltage switching SCR output
Load current	0.07...2 A
Absolute maximum voltage	600 V AC
Surge current	115 A for 20 ms 120 A for 16.6 ms
Voltage drop	<= 1.1 V on-state
Maximum I ² t for fusing	260 A ² .s for 8.3 ms at 60 Hz half cycle 285 A ² .s for 10 ms at 50 Hz half cycle
Leakage current	<= 4 mA off-state
DV/dt	500 V/μs off-state at maximum voltage
Response time	5 ms turn-on 10 ms turn-off
Overvoltage category	III
Width	6.2 mm
Height	96.5 mm
Depth	79.5 mm
Product weight	0.0285 kg

Environment

Flame retardance	V0 conforming to UL 94
Dielectric strength	2500 V for input/output
Pollution degree	2
Standards	EN 61984 IEC 60950-1 IEC 61000 IEC 62314 IEC 61984
Product certifications	UL 508 UL RoHS CE GOST REACH CSA22.2 No. 14-10 CSA
Marking	China RoHS CE CURus EAC CSA
IP degree of protection	IP20
Ambient air temperature for operation	-20...70 °C
Ambient air temperature for storage	-20...85 °C

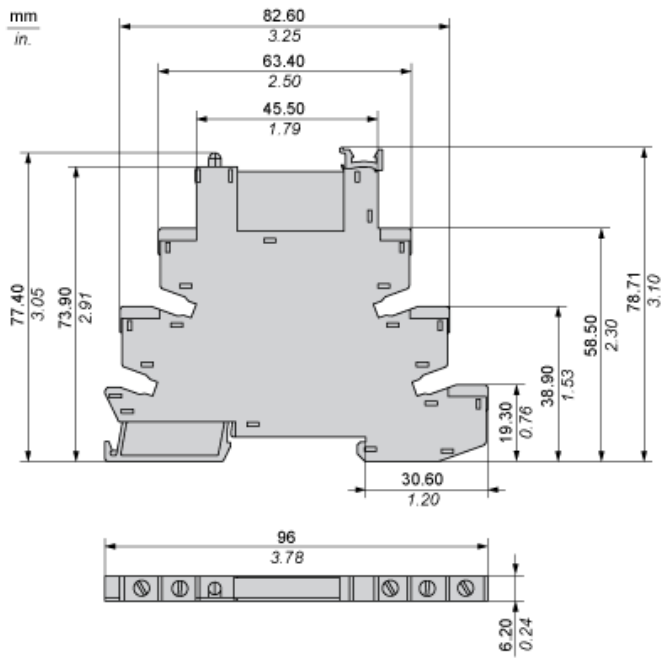
Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1417 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold

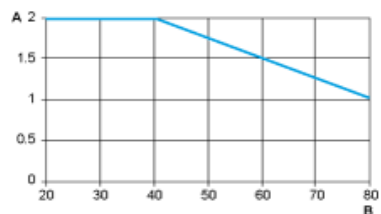
Contractual warranty

Warranty period	18 months
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Dimensions



Derating Curves



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

Product Life Status : Commercialised
