



### 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	0.1 A
Output voltage	1...48 V DC
[Uc] control circuit voltage	16...30 V DC
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 <sup>2</sup> (AWG 24...AWG 14) Solid cable with cable end : 0.2...2.5 mm <sup>2</sup> (AWG 24...AWG 14)
Capacitance unbalance	1.5 pF input/output
Minimum switching voltage	16 V DC turn-on
Maximum switching voltage	5 V DC turn-off
Input impedance	3.43 kOhm
Solid state output type	Transistor output DC switching
Load current	0.001...0.1 A
Absolute maximum voltage	60 V DC
Surge current	0.3 A for 10 ms
Voltage drop	<= 1 V on-state
Leakage current	<= 0.001 mA off-state
Response time	0.25 ms turn-on 0.12 ms turn-off
Overvoltage category	III
Width	6.2 mm
Height	96.5 mm
Depth	79.5 mm
Product weight	0.0285 kg
Device presentation	Complete product

## 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	CE CSA GOST RoHS UL UL 508 REACH CSA22.2 No. 14-10
Marking	CE CSA EAC CURus China RoHS
IP degree of protection	IP20
Ambient air temperature for operation	-20...70 °C
Ambient air temperature for storage	-20...85 °C

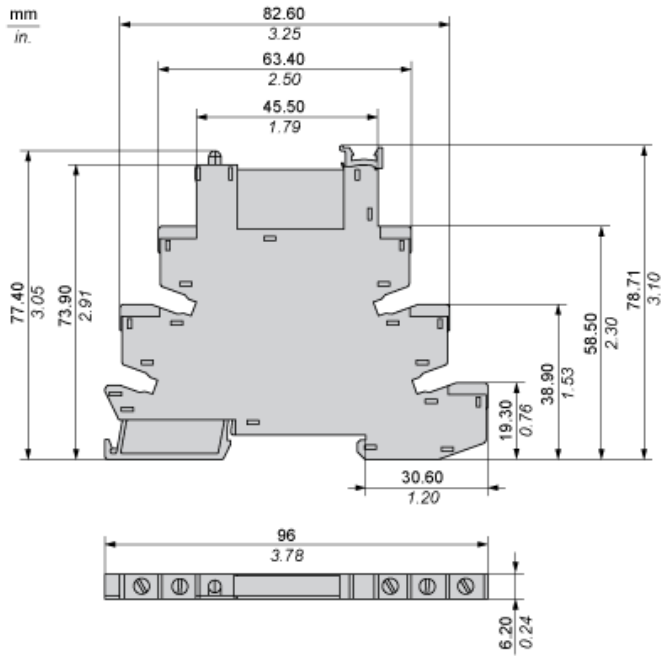
## Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1417 - Schneider Electric declaration of conformity  <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold

## Contractual warranty

Warranty period	18 months
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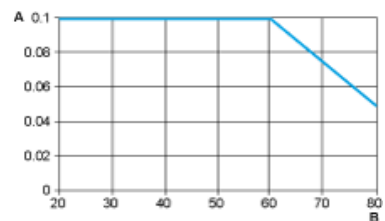
Dimensions



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Derating Curves

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

Product Life Status : **Commercialised**