



Main

Range of product	Zelio Relay
Product or component type	Solid state relay
Device short name	SSR
Mounting support	Panel
[In] rated current	25 A
Output voltage	24...280 V AC
[Uc] control circuit voltage	3...32 V
Control circuit type	DC

Complementary

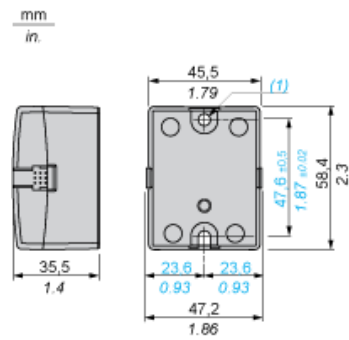
Contacts type and composition	1 NO
Tightening torque	<= 1.1 N.m for input <= 2.2 N.m for output
Local signalling	LED green for input status
Switching voltage	1 V DC turn-off 3 V DC turn-on
Input current limits	10 mA
Solid state output type	SCR output Zero voltage switching
Load current	0.15...25 A
Output sustained overvoltage	600 V
Surge current	250 A for 16.6 ms
Voltage drop	1.6 V on-state
Thermal resistance	1.02 °C/W
Maximum I ² t for fusing	260 A ² .s for 8.3 ms
Leakage current	<= 1 mA off-state
DV/Dt	500 V/μs off-state at maximum voltage
Response time	0.5 cycle turn-on 0.5 cycle turn-off

Environment

Standards	UL E258297 CSA LR 40487 IEC 60950-1 IEC 62314
Marking	CE
IP degree of protection	IP20
Ambient air temperature for operation	-40...80 °C
Ambient air temperature for storage	-40...125 °C
RoHS EUR status	Compliant
RoHS EUR conformity date	0940

Solid State Relay

Panel Mounting



(1) $\text{Ø}4.9 \pm 0.25 \text{ mm} / \text{Ø}0.16 \pm 0.0098 \text{ in. hole}$