



## Main

Commercial Status	Commercialised
Range of product	Zelio Relay
Product or component type	Solid state relay
Device short name	SSR
Mounting support	Symmetrical DIN rail
[In] rated current	45 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...1.7 N.m for output 0.6...0.7 N.m for input
Connections - terminals	Screw terminals 1 x 0.2...1 x 8.4 mm <sup>2</sup> for output - AWG24...AWG8 Screw terminals 1 x 0.2...1 x 3.3 mm <sup>2</sup> for input - AWG24...AWG12
Local signalling	LED green for input status
Switching voltage	1 V DC turn-off 4 V DC turn-on
Input current limits	17 mA
Solid state output type	Zero voltage switching SCR output
Load current	0.15...45 A
Output sustained overvoltage	600 V
Surge current	625 A for 16.6 ms
Voltage drop	1.6 V on-state
Maximum I <sup>2</sup> t for fusing	1620 A <sup>2</sup> .s for 8.3 ms
Leakage current	<= 10 mA off-state
DV/Dt	500 V/μs off-state at maximum voltage
Response time	0.5 cycle turn-off 0.5 cycle turn-on

## 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

## Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 0940 - <a href="#">Schneider Electric declaration of conformity</a>