



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	20 A
Output voltage	24...280 V AC
[Uc] control circuit voltage	90...280 V
Control circuit type	AC

Complementary

Contacts type and composition	1 NO
Tightening torque	0.6...0.7 N.m for output 0.6...0.7 N.m for input
Connections - terminals	Screw terminals 1 x 0.2...1 x 5.3 mm ² for output - AWG24...AWG10 Screw terminals 1 x 0.2...1 x 5.3 mm ² for input - AWG24...AWG10
Local signalling	LED green for input status
Switching voltage	10 V AC turn-off 90 V AC turn-on
Input current limits	2...4 mA
Solid state output type	Zero voltage switching SCR output
Load current	0.15...20 A
Output sustained overvoltage	600 V
Surge current	250 A for 16.6 ms
Voltage drop	1.6 V on-state
Maximum I ² t for fusing	260 A ² .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 - Schneider Electric declaration of conformity

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