

Main

Range of product	Zelio Relay
Product or component type	Solid state relay
Device short name	SSL
Phase	1 phase

Complementary

Mounting support	Socket
Line Rated Current	2 A
Output voltage	24...280 V AC
[Uc] control circuit voltage	3...12 V DC
Contacts type and composition	1 NO
Capacitance unbalance	1.5 pF input/output
Minimum switching voltage	3 V DC turn-on
Maximum switching voltage	1 V DC turn-off
Input current limits	15 mA
Input impedance	333 kOhm
Solid state output type	SCR output Random voltage switching
Load current	0.07...2 A
Absolute maximum voltage	600 V AC
Surge current	120 A 16.6 ms 115 A 20 ms
Voltage drop	<= 1.1 V on-state
Maximum I ² t for fusing	260 A ² .s 8.3 ms at 60 Hz half cycle 285 A ² .s 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	0.5 cycle turn-on 0.5 cycle turn-off
Overvoltage category	III
Width	0.2 in (5 mm)
Height	1.1 in (28 mm)
Depth	0.59 in (15 mm)
Product weight	0.01 lb(US) (0.0041 kg)

Environment

flame retardance	V0 conforming to UL 94
dielectric strength	2500 V input/output
pollution degree	2
product certifications	CSA UL REACH
marking	CE

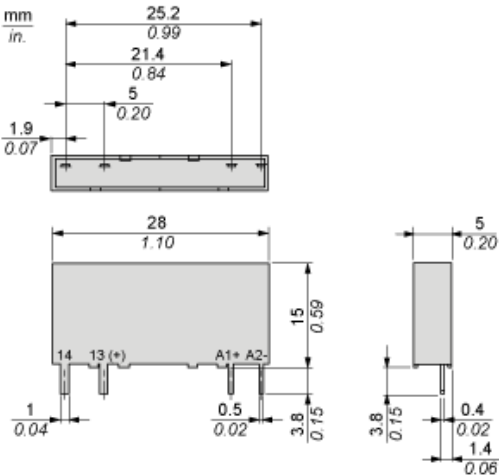
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ambient air temperature for operation	-4...176 °F (-20...80 °C)
ambient air temperature for storage	-4...185 °F (-20...85 °C)

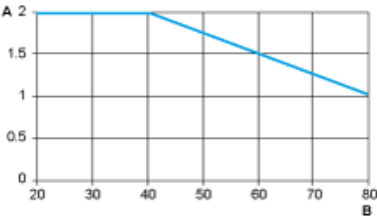
Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 1417 - Schneider Electric declaration of conformity	Compliant - since 1417 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Need no specific recycling operations	Need no specific recycling operations
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
For more information go to www.p65warnings.ca.gov	For more information go to www.p65warnings.ca.gov

Dimensions



Derating Curves



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