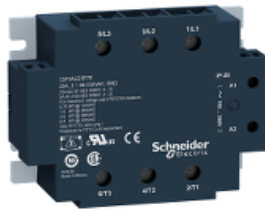




Price\* : 130.86 GBP



## Main

Range of product	Zelio Relay
Product or component type	Solid state relay
Provided accessory	Thermal interface
Device short name	SSP
Mounting support	Panel
Number of phases	3 phases
Contacts type and configuration	3 NO
Solid state output type	Random voltage switching

## Complementary

Control type	Without test button
[Uc] control circuit voltage	90...140 V AC
Minimum switching voltage	90 V AC turn-on
Maximum switching voltage	10 V AC turn-off
Response time	20 ms (turn-on) 30 ms (turn-off)
Input current	7...16 mA
Output voltage	48...530 V AC
Load current	0.1...50 A
Transient overvoltage	1200 V
Surge current	715 A for 20 ms 750 A for 16.6 ms 150 A for 1 s
Maximum I <sup>2</sup> t for fusing	2520 A <sup>2</sup> .s for 10 ms at 50 Hz half cycle 2320 A <sup>2</sup> .s for 8.3 ms at 60 Hz half cycle
Maximum leakage current	3 mA off-state
Maximum voltage drop	<1.35 V on-state
DV/Dt	500 V/μs off-state at maximum voltage

Power factor	0.5 (with maximum load)
Motor controller rating	1.5 hp 40 °C 120 V AC 3 hp 40 °C 240 V AC 7.5 hp 40 °C 480 V AC 8.8 hp 40 °C 530 V AC
Motor power kW	1.11 kW at 40 °C 120 V AC 2.22 kW at 40 °C 240 V AC 5.55 kW at 40 °C 480 V AC 6.47 kW at 40 °C 530 V AC
Insulation resistance	>= 1000 MOhm at 500 V DC
Maximum capacitance	8 pF for input/output
Dielectric strength	4 kV AC for input/output 4 kV AC for input or output to case
Tightening torque	0.9...1.1 N.m for input 1.7...2.2 N.m for output
Connections - terminals	Screw terminals: 1 x 0.2...1 x 2.5 mm <sup>2</sup> , (AWG 24...AWG 14) for input Screw terminals: 1 x 1.5...1 x 10 mm <sup>2</sup> , (AWG 16...AWG 8) for output
Thermal resistance	0.12 °C/W
LED indicator	LED, green for input
IP degree of protection	IP20
Net weight	0.24 kg
Width	101.3 mm
Height	79.7 mm
Depth	35.4 mm
Device presentation	Complete product

## Environment

Flame retardance	V0 conforming to UL 94
Ambient air temperature for operation	-40...80 °C
Ambient air temperature for storage	-40...125 °C
Pollution degree	2
Overvoltage category	III
Product certifications	REACH RoHS UL CSA
Marking	CE
Standards	IEC 61000 IEC 62314 IEC 60950-1

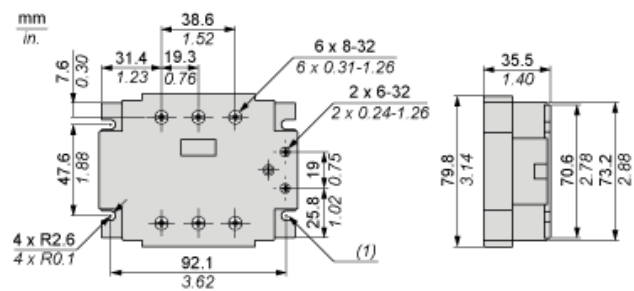
## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">Download RoHS China Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

## Contractual warranty

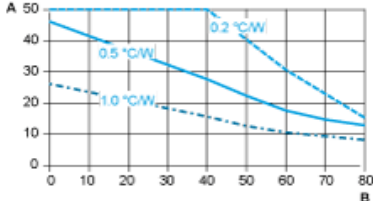
Warranty	18 months
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Dimensions



(1) 4 Mounting slots

Derating Curves



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