26 AMP MINIATURE POWER RELAY

FEATURES

- Dielectric strength 4500 Vrms
- 31 Amp switching
- Contact gap > 1.8 mm
- Clearance / creepage > 6.4 / 7.5 mm
- UL, CUR file E44211



CONTACTS

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Arrangement	SPST (1 Form A)				
Ratings	Resistive load:				
	Max. switched power: 8587 VA Max. switched current: 31 A Max. switched voltage: 277 VAC				
Rated Load	31 A at 277 VAC, cos phi 0.8, 85°C, 50k cycles * 31 A at 250 VAC, cos phi 0.8, 85°C, 50k cycles * 26 A at 277 VAC, resistive, 85°C, 50k cycles 26 A at 250 VAC, resistive, 85°C, 50k cycles				
	22 A at 277 VAC, resistive, 85°C, 100k cycles 22 A at 250 VAC, resistive, 85°C, 100k cycles * duty factor: 0.1 seconds on / 10 seconds off				
UL	26 A at 277 VAC, resistive, 75°C, 50k cycles 26 A at 250 VAC, resistive, 75°C, 50k cycles 22 A at 277 VAC, resistive, 85°C, 100k cycles 22 A at 250 VAC, resistive, 85°C, 100k cycles				
Material	Silver tin oxide				
Resistance	< 100 milliohms initially (at 6 V, 1 A, voltage drop method)				

COIL

Power At Pickup Voltage (typical)	690 mW		
Max. Continuous Dissipation	2.0 W at 20°C (68°F) ambient		
Temperature Rise	90°C (162°F) at nominal coil voltage		
Temperature	Max. 155°C (311°F) Class F		

GENERAL DATA

Life Expectancy Mechanical Electrical	Minimum operations 2 x 10 ⁵ 5 x 10 ⁴ at 26 A 250 VAC Res.		
Operate Time	20 ms max. at nominal coil voltage		
Release Time	10 ms max. at nominal coil voltage (with no coil suppression)		
Dielectric Strength (at sea level for 1 min.)	4500 Vrms coil to contact 2500 Vrms between open contacts		
Insulation Resistance	1000 megaohms min. at 20°C, 500 VDC 50% RH		
Holding Voltage	Greater than 35% of nominal coil voltage		
Dropout	Greater than 10% of nominal coil voltage		
Ambient Temperature Operating	at nominal coil voltage -40°C (-40°F) to 60°C (140°F) at max. 80% of nominal coil voltage -40°C (-40°F) to 85°C (185°F)		
Vibration	1.5 mm DA at 10-55 Hz		
Shock	20 g		
Enclosure	P.B.T. polyester		
Terminals	Tinned copper alloy, P.C.		
Max. Solder Temp.	260°C (500°F)		
Max. Solder Time	5 seconds		
Weight	25 grams		

NOTES

- 1. All values at 20°C (68°F)
- 2. Relay may pull in with less than "Must Operate" value.
- 3. Specifications subject to change without notice.

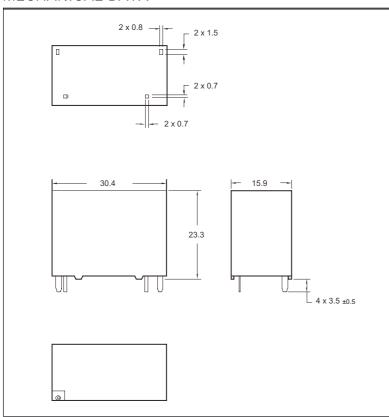
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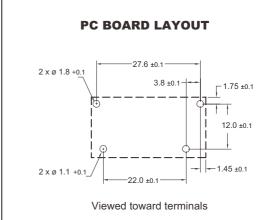
AZSR126_

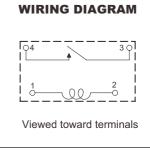
RELAY ORDERING DATA

COIL SPECIFICATIONS							
Nominal Coil VDC	Must Operate VDC	Min. Holding VDC	Max. Continuous VDC	Coil Resistance Ohm ± 10%	ORDER NUMBER		
9	6.3	3.2	10.8	58	AZSR126-1AE-9D		
12	8.4	4.2	14.4	103	AZSR126-1AE-12D		
18	12.6	6.3	21.6	230	AZSR126-1AE-18D		
24	16.8	8.4	28.8	410	AZSR126-1AE-24D		

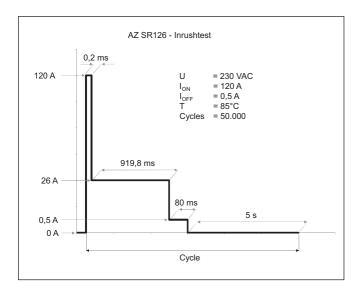
MECHANICAL DATA

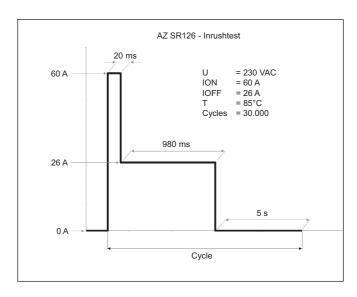






Tolerance: ± 0.3 mm





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