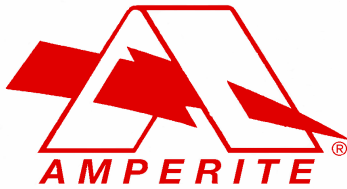


Solving your Relay requirements since 1922



Amperite Co.
567 52nd Street
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GP3 - Series

Miniature General Purpose Relays



Long Life

Low Coil Power Consumption

Bulk Packaging

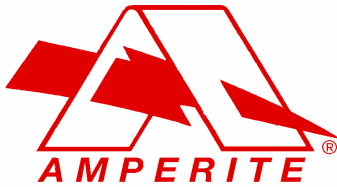
11 and 8 Pin Octal Termination

Clear See-Thru Dust Cover

SPECIFICATIONS

Contact Material	Silver Alloy		
Contact Resistance	Maximum 50 Milliohms		
Operate Time	Maximum 30 Milliseconds		
Release Time	Maximum 20 Milliseconds		
Insulation Resistance	500 Megohm Minimum (500 VDC)		
Voltage	—		
Coil to Contact	1500 VAC (50 / 60 Hz) for 1 Minute		
Contacts	1000 VAC (50 / 60 Hz) for 1 Minute		
Vibration Resistance	Functional	10 to 55 Hz Double Amplitude of 1.5mm	
	Destruction	10 to 55 Hz Double Amplitude of 1.5mm	
Shock Resistance	Functional	100 G's Minimum	
	Destruction	500 G's Minimum	
Life (Minimum Operations)	Mechanical	At 180 CPM	1,000,000
	Electrical	At 20 CPM	100,000
Ambient Temperature	-40° C to +55° C		
Operating Humidity	40 to 90% RH		
Unit Weight	90 Grams		

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CONTACT RATINGS

Arrangement	2C / 3 C
Resistive Load Cos. $\Phi = 1$	2C: 10A 250 VAC / 30VDC 3C: 5A 250 VAC/30VDC
Maximum Contact Voltage	120 VDC / 250 VAC
Maximum Contact Current	10A

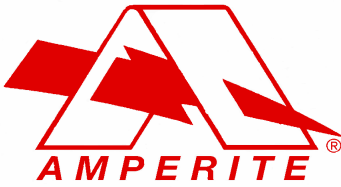
COIL DATA (at 20°C)

Nominal Voltage	12VDC	24VDC	120 / 240VAC
Pick-up Voltage VDC (Max.)	9.6VDC	19.2VDC	88 / 176 VAC
Drop-out Voltage VDC (Min.)	1.2VDC	1.2VDC	36 / 72 VAC
Coil Resistance $\pm 10\%$	95 Ω	430 Ω	1600 / 6800 Ω
Power Consumption	1.5	1.4	9 / 8.5 W
Max. Allowable Voltage	110% of Nominal Voltage		

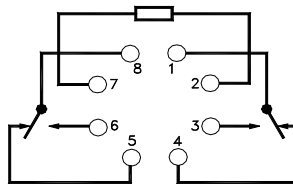
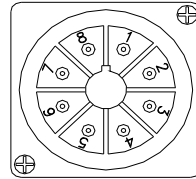
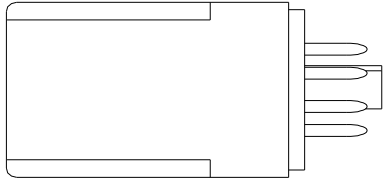
THE AMPERITE PART NUMBERING SYSTEM IS LISTED BELOW. IF YOU DO NOT SEE THE NUMBER LISTED THAT YOU NEED, PLEASE CONTACT US. WE CAN PROVIDE MOST TYPES OF RELAYS AVAILABLE TODAY.

Part Number	CONTACT ARRANGEMENT	COIL VOLTAGE	TERMINATION
GP3-2C 012D 08	2C = 2 Form C	012D = 12VDC	08 = OCTAL PLUG IN
GP3-2C 024D 08	2C = 2 Form C	024D = 24VDC	08 = OCTAL PLUG IN
GP3-2C 120A 08	2C = 2 Form C	120A = 120VAC	08 = OCTAL PLUG IN
GP3-2C 240A 08	2C = 2 Form C	240A = 240VAC	08 = OCTAL PLUG IN
GP3-3C 012D 11	3C = 3 Form C	012D = 12VDC	11 = OCTAL PLUG IN
GP3-3C 024D 11	3C = 3 Form C	024D = 24VDC	11 = OCTAL PLUG IN
GP3-3C 120A 11	3C = 3 Form C	120A = 120VAC	11 = OCTAL PLUG IN

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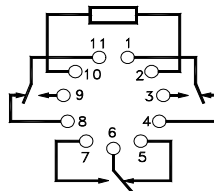
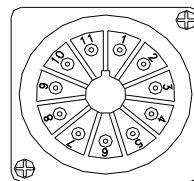
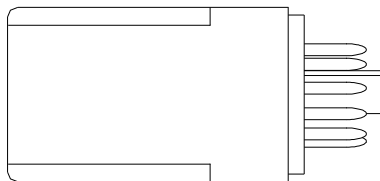


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Wiring Diagram

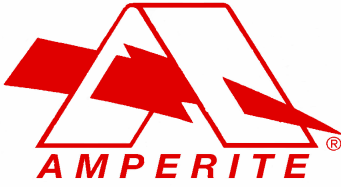
Outline Dimensions GP-3
2 Pole Octal Socket



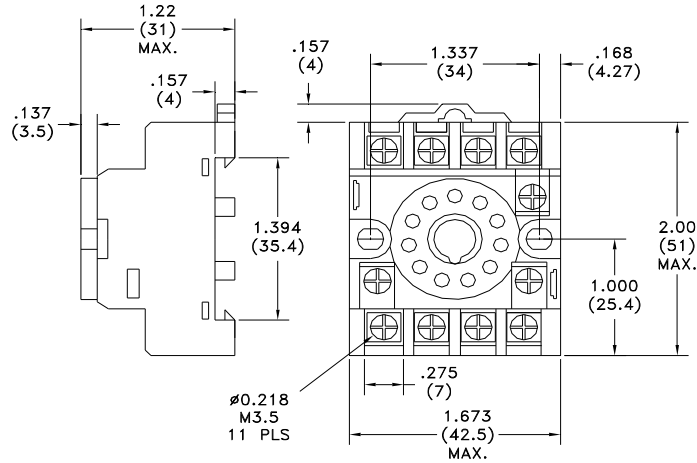
Wiring Diagram

Outline Dimensions GP-3
3 Pole Octal Socket

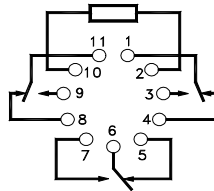
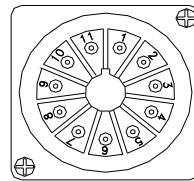
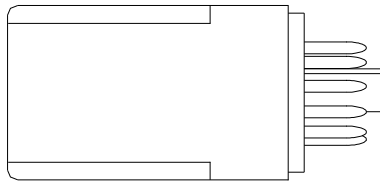
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RS-110 DIN RAIL OR
 SURFACE MOUNT
 SCREW TERMINAL SOCKET



Wiring Diagram

Outline Dimensions GP-3
 3 Pole Octal Socket