

RELAY

POWER RELAY LARGE SIZE-TYPE RPL R SERIES

INTRODUCTION:

Adam Tech RPL relays are high power, modern relays, available in industry standard packages and can switch loads up to 30 amps. Available in both a PCB package and a combination PCB/Quick Connect terminal package, these relays are designed for applications such as Spa/Pool controls, HVAC, and large appliances.

FEATURES:

30 Amp Switching capability PCB and PCB/Top mount packages Industry Standard footprint

SPECIFICATIONS:

ELECTRICAL:

Contact arrangement: 1 Form A & 1 Form C

Contact material: Silver Alloy

Contact Rating (Resistive load): 30A @ 220V AC

30A @ 30V DC

Max. Switching Voltage: 220V AC / 30V DC Max. Switching Power: 6600VA / 900W Contact resistance: 50 m Ω max. Initial

Insulation resistance: 100 M Ω min. @ 500V DC

Dielectric withstanding voltage:

Between Coil & Contact: 2500V AC 50/60Hz for 1 min. Between Contacts: 1500V AC 50/60Hz for 1 min.

Operating time: 15 ms max. Release time: 10 ms max.

Electrical Life: 100,000 Operations (at rated load)

MECHANICAL:

Vibration resistance (Endurance): 1.5mm Double Amplitude 10-55Hz

Shock resistance: 10G min.

Mechanical Life: 10,000,000 Operations (no load)

TEMPERATURE RATING:

Ambient temperature: -55°C to +85°C

PACKAGING:

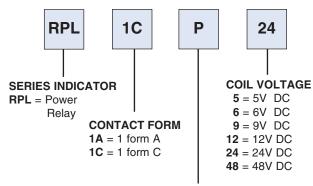
Anti-ESD plastic trays

SAFETY AGENCY APPROVALS:

cUL Recognized File No. E305638



ORDERING INFORMATION POWER RELAY



TERMINALS

P = PCB Terminals onlyTCN = PCB Terminals and Top Contacts

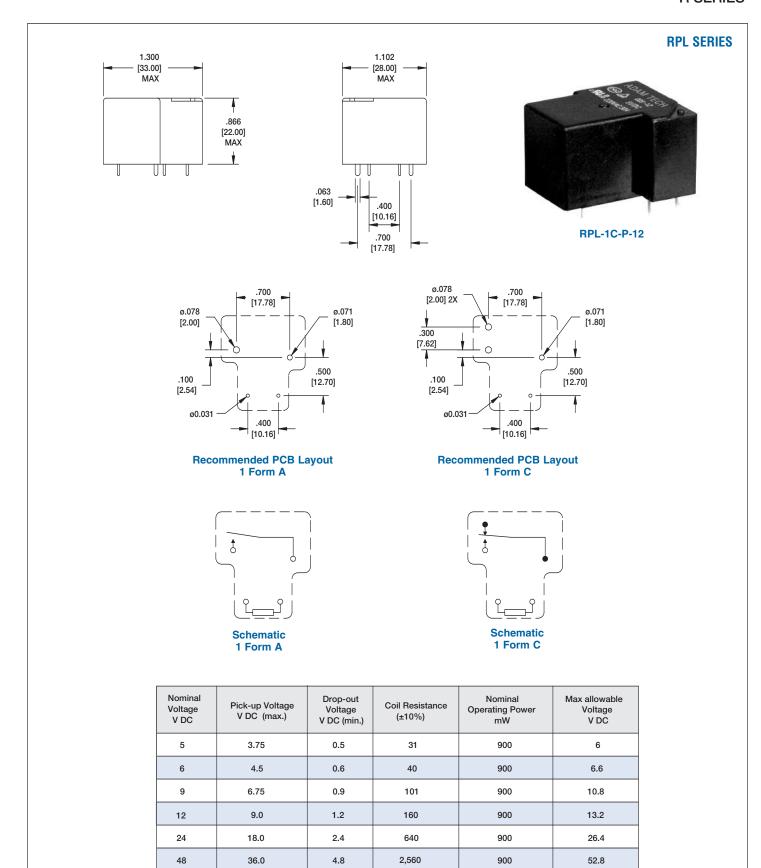






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