

280 Ultra Micro Relay

#QV3031AHCR1

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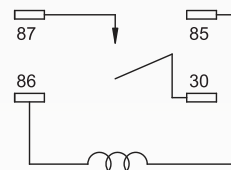
DESCRIPTION

Normally open 4 pin ultra micro 280 relays (SPST). Suitable for a wide range of automotive applications. Resistor protected.

FEATURES

- SPST normally open contact configuration
- -40°C to 125°C operating temperature
- RoHS and ELV compliant

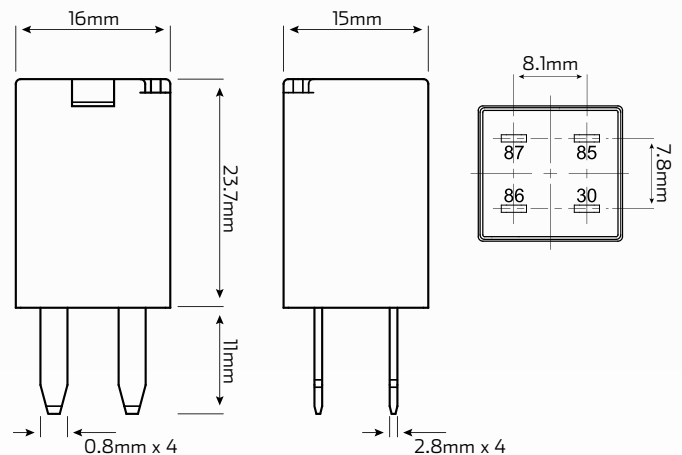
Wiring Diagram



TECHNICAL SPECIFICATIONS

Contact Rating (Motor/Lamp)	• N/O: 16A (14VDC), In-rush 80A
Coil Current	• 80mA (12V), 40mA (24V)
Coil Resistance	• 150 Ohms (12V), 600 Ohms (24V)
Contact Voltage Drop	• Typ. 50mV at 10A
Contact Material	• Silver tin oxide alloy (AgSno)
Operate / Release Time	• 10ms max / 10ms max
Enclosure	• Flux tight seal
Operating Temperature	• -40°C to 125°C (no freezing)
Mechanical Life Expectancy	• 10,000,000 operations
Approvals	• ELV-2000/53/EC, RoHS compliant

DIMENSIONS



* Terminal size: 2.8mm; Specifications of contact ratings are for resistive load.

PART NUMBERS

Part No.	Voltage	Amperage	Protection	Description
QV3031AHCR112	• 12 Volt	• 20 Amp	• ½W 1.1K Ohm Resistor	• 12V, 20A normally open 4 pin ultra micro relay. Resistor protected
QV3031AHCR124	• 24 Volt	• 10 Amp	• ½W 4.3K Ohm Resistor	• 24V, 10A normally open 4 pin ultra micro relay. Resistor protected