



Q SERIES MOTOR PROTECTOR AND THERMAL SAFETY CUT-OUT



Initially designed for 12 and 24 Volt high current switching in automotive DC applications, this compact and versatile snap-action auto-reset protector is also capable for 10 [5] Amps at 250 Volts AC. Suitable for both intermittent and continuously rated motors, the Q Series offers a full range of current and temperature sensitive combinations to give optimum protection in any specific situation.

Available with a variety of terminal arrangements to provide design flexibility within the motor, the Q Series is also ideal for automated bowl feeding on production assembly lines.

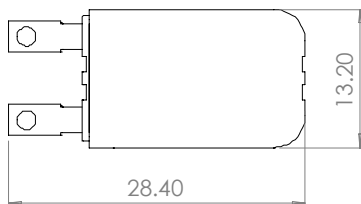
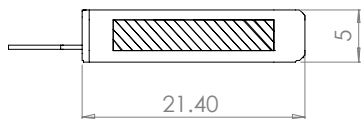


TECHNICAL DATA

AC Rating:	10 [5] Amps at 250 Volts 50Hz for 3 000 cycles
DC Rating:	10 Amps at 24 Volts for 35 000 cycles
Temperature Range:	Min 60°C to max 170°C
Max Ambient Temperature:	50°C above set temperature or 200°C max
Tolerance:	From $\pm 10^\circ\text{C}$

TERMINAL OPTIONS

MATERIAL	VARIANTS
Q4 Brass	Plain
Q8 Nickel silver	Slotted
QC Copper - Stainless steel	Folded
QD Stainless steel	Cropped
QE Copper nickel	



FEATURES

- Excellent contact pressure
- Good on/off ratio
- High current switching
- Insulated cover
- Robust construction
- Suitable for automotive environments
- Weld or solder terminals
- Wide performance range

APPLICATIONS

MAINS VOLTAGE AC	LOW VOLTAGE DC
• Electric motors	• Automotive electric motors
• Wound components	• Wound components
• Printed circuit boards	• Wiring harnesses
	• Printed circuit boards

For detailed drawings, specific approvals data, samples and application test work, please contact our Sales Office.

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