



Q SERIES MOTOR PROTECTOR AND THERMAL SAFETY CUTOUT



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 suitable 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.

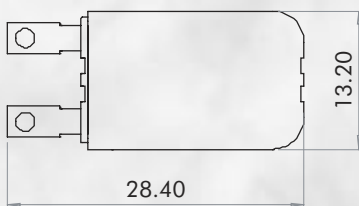
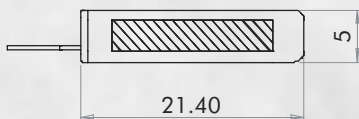
Available with a variety of terminal arrangements to provide design flexibility within the motor, the Q Series is also ideal for automated bowl feeding on production assembly lines.

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 |

APPROVALS

Approved to IEC 60730-2-2

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

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