# Q Series motor protector & 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 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.

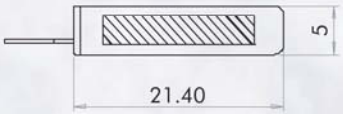
Available with a variety of terminal arrangements to provide design flexibility within the motor, the Q Series is also ideal for automated bowl feeding on production assembly lines.

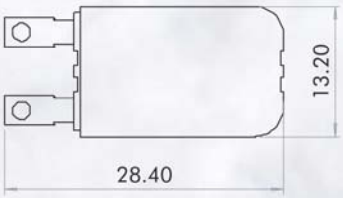
## TECHNICAL DATA

| | |
|---|---|
| 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 ±10°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

- Electric motors
- Wound components
- Printed circuit boards

LOW VOLTAGE DC

- Automotive electric motors
- Wound components
- Wiring Harnesses
- Printed circuit boards

## APPROVALS

Approved to IEC 60730-2-2 - BEAB

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



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