

Q Series motor protector & safety cut-out

KAG-ID: 428595

KV 8184 - 17.12.10 SA

KV46517 - 15.05.18 SA

KV48337 - 13.08.19 SA

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.

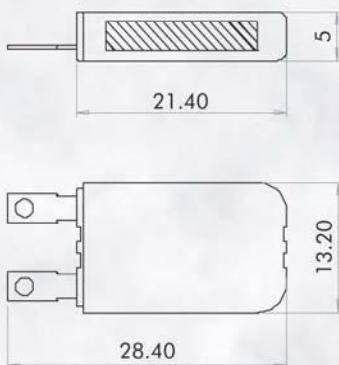
Available with a variety of terminal arrangements to provide design flexibility within the motor, the Q Series is also ideal for automated bowl feeding on production assembly lines.

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

- 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. 'Easifix', 'Otter' and the Otter logo are registered trademarks of Otter Controls Limited. The product(s) described here are subject to patents or patent applications worldwide.

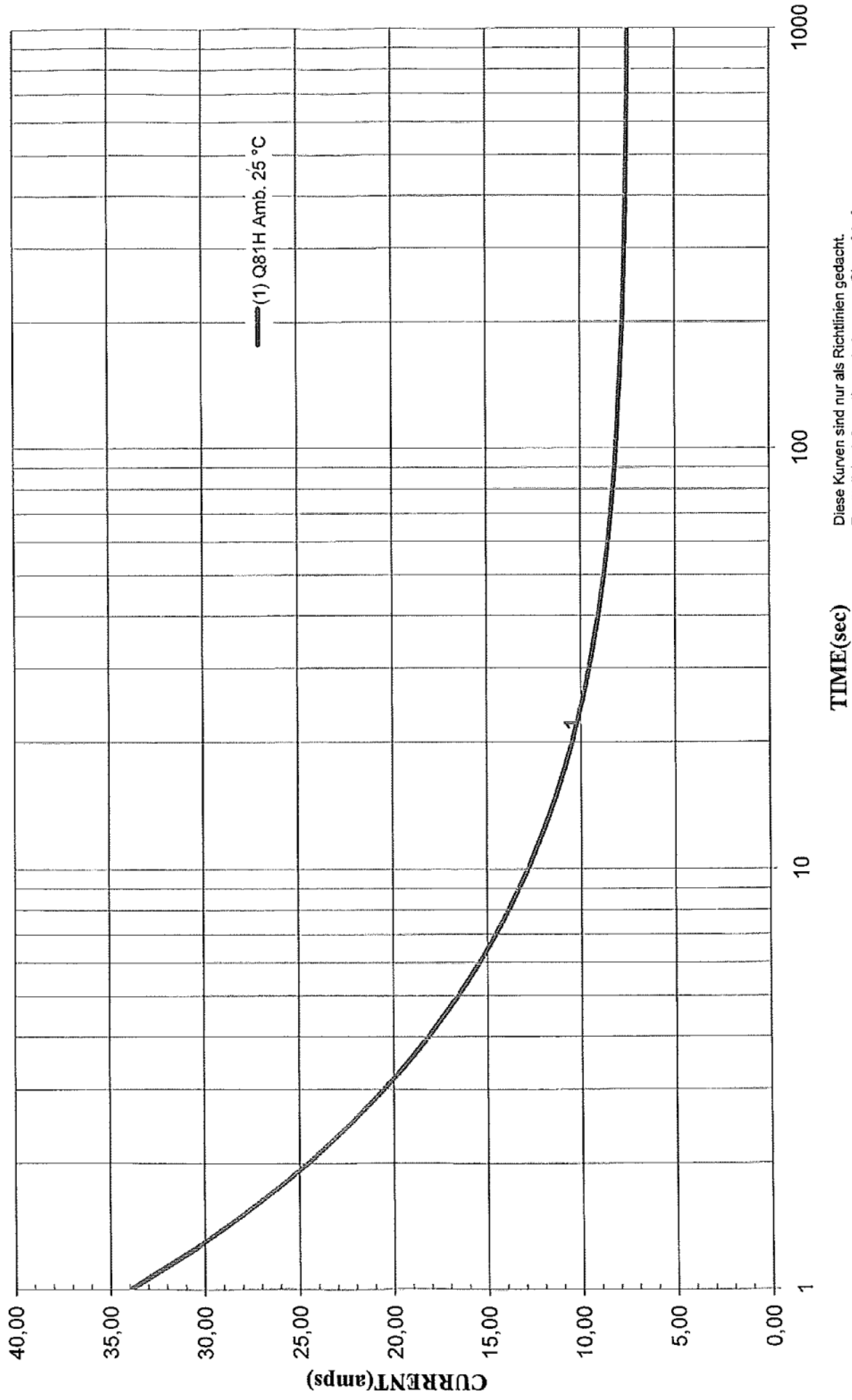
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Approved to BS EN ISO 9001: 2008

Otter

...always in control

Q81H (setting 100°C) in +25°C Umgebungstemperatur

12.08.2008



Diese Kurven sind nur als Richtlinien gedacht.
Zusätzliche Informationen bekommen Sie auf Anfrage.