

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.

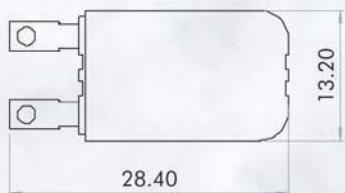
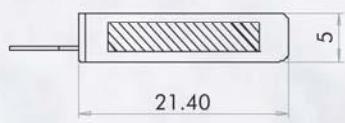
Available with a variety of terminal arrangements to provide design flexibility within the motor, the Q Series is also ideal for automated bowl feeding on production assembly lines.

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
Q8	Nickel silver
QC	Copper - Stainless steel
QD	Stainless steel
QE	Copper nickel



KAG-ID: 428595

KV 8184 - 17.12.10 SA

KV46517 - 15.05.18 SA

KV48337 - 13.08.19 SA



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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The product(s) described here are subject to patents or patent applications worldwide.

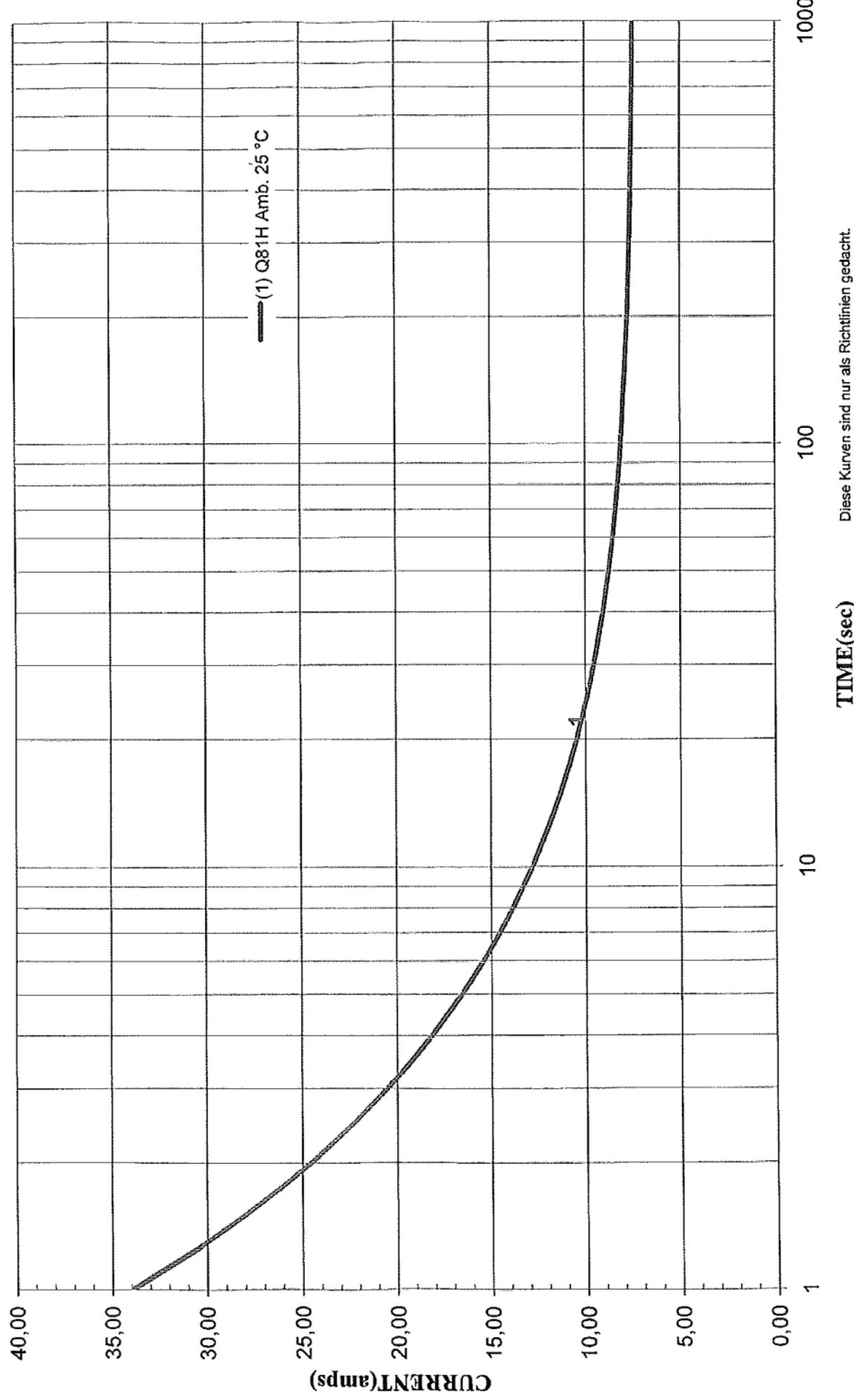
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Approved to BS EN ISO 9001: 2008

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.