

Typ: KR 85.406-2



Art.-No.: C1850506

Features:

Kesseldoppelthermostat, mechanisch, 2x 0...70°C, 2xTW, Tauchhülse 100mm, 2xWechsler, 24-230 VAC, 15(8)A, Hysterese je Regler ca. 2K

Application:

In heating technology, they are used in boiler systems or tanks, district heat transfer stations and heat transfer plants.

Type testing by TÜV in accordance with DIN EN 14597 except KR 85.2xx

Technical Data:

| | |
|------------------------|--------------------------------------------------------------|
| Number of outputs: | 4 |
| Number, control range: | 2 |
| Output signal: | TW, schaltend |
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| Rated impulse voltage: | 4000 V |
| Operating voltage: | keine |
| setting range 2 to: | 70 |
| setting range 2 from: | 0 |
| setting range to: | 70 |
| setting range from: | 0 |
| Electrical connection: | Schraubklemmen |
| Colour of housing: | grau (Unterteil ähnlich RAL 7016, Oberteil ähnlich RAL 7035) |
| Sensor: | flüssigkeitsgefülltes Kapillar |
| Sensor material: | Cu |

| | |
|-----------------------------------|----------------------------------------------------------|
| Function type: | TW / TW |
| Hysteresis: | je Regler ca. 2K |
| Internal setting: | yes |
| Length of immersion sleeve (mm): | 100 |
| Storage temperature: | -20...+55 °C |
| Scope of supply: | Regler, Tauchhülse |
| Material of housing: | Kunststoff |
| Material of immersion sleeve: | Ms vernickelt |
| max. sensor temperature: | 80 |
| max. switching voltage: | 230 VAC, 50 Hz |
| max. switching current: | 15 (8) A |
| Medium: | Fluid, nicht aggressiv |
| min. switching voltage: | 24 VAC, 50 Hz |
| min. switching current: | 150 mA |
| Installation/fastening: | auf der installierten Tauchhülse mittels Systemanschluss |
| Surface quality: | matt |
| potential-free: | yes |
| Control range 2 to: | 70 |
| Control range 2 from: | 0 |
| Control range up to: | 70 |
| Control range from: | 0 |
| Control function: | 2x Heizen oder Kühlen |
| Switching element: | Mikroschalter |
| Switching contact: | Wechsler |
| Switching power: | 3450 W |
| Degree of protection: | IP 43 |
| Protection class: | I |
| Safety and EMC: | gemäß DIN EN 60730 |
| Scale - degrees Celsius: | yes |
| Set point adjuster: | yes |
| Ambient temperature up to: | 55 |
| Ambient temperature from: | -20 |
| Unterlagen: | 907.pdf |
| Degree of fouling: | II |
| Permissible atmospheric humidity: | max. 95% r. H., nicht kondensierend |

Circuit Diagram:

