

Moulded Case Circuit Breaker h800 4P0-100% 50kA 630A TM

Technical Features

Electric current

| | |
|---|-------|
| Rated current | 630 A |
| Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2 | 50 kA |
| Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2 | 85 kA |

Architecture

| | |
|---------------------------|----------------|
| Number of poles | 3 |
| Control/operation element | Toggle |
| Device construction type | Fixed built-in |

Tripping

| | |
|----------------------------|-------|
| Response time when opening | 10 ms |
|----------------------------|-------|

Frequency

| | |
|-----------|------------|
| Frequency | 50 - 60 Hz |
|-----------|------------|

Voltage

| | |
|--------------------------------------|--------|
| Rated impulse withstand voltage Uimp | 8000 V |
| Rated insulation voltage Ui | 800 V |

Functions

| | |
|-----------|--------|
| Trip unit | TM A/A |
|-----------|--------|

Power

| | |
|---------------------------|----------|
| Total power loss under IN | 136.20 W |
|---------------------------|----------|

Endurance

| | |
|--|------|
| Electric endurance in number of cycles | 1000 |
| Number of mechanical operations | 4000 |

Safety

| | |
|-------------------------------|------|
| Ingress Protection (IP) class | IP4X |
|-------------------------------|------|

Connection

| | |
|----------------------------------|------------------------|
| Cross-section flexible conductor | 2x 240 mm ² |
| Cross-section rigid conductor | 2x 240 mm ² |

Installation, mounting

| | |
|-------------------------------|------------|
| Nominal tightening torque | 65 - 65 Nm |
| Mounting-/Connection Position | Front |

Connection

| | |
|---------------------|----------|
| Connector/plug type | Terminal |
|---------------------|----------|

Settings

| | |
|---|--|
| Thermal protection knob setting xIN | 0.4 0.5 0.63 0.9 0.95 1 |
| Adjustment range short-term delayed short-circuit release | 0 - 0 A |

Compatibility

| | |
|-----------------------|----|
| Suitable for DIN Rail | No |
|-----------------------|----|

Main electrical attributes

| | |
|-------------------------------|--------------|
| Magnetic protection trip time | 100 - 200 ms |
|-------------------------------|--------------|