

**Moulded Case Circuit Breaker h250 4P 50kA 125A TM**

**Technical Features**

**Electric current**

|               |       |
|---------------|-------|
| Rated current | 125 A |
|---------------|-------|

**Architecture**

|                 |   |
|-----------------|---|
| Number of poles | 4 |
|-----------------|---|

**Electric current**

|                                                                                           |       |
|-------------------------------------------------------------------------------------------|-------|
| Rated ultimate short-circuit breaking capacity I <sub>cu</sub> under 400 V AC IEC 60947-2 | 50 kA |
| Rated ultimate short-circuit breaking capacity I <sub>cu</sub> under 240 V AC IEC 60947-2 | 85 kA |

**Frequency**

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

**Voltage**

|                                                  |        |
|--------------------------------------------------|--------|
| Rated impulse withstand voltage U <sub>imp</sub> | 8000 V |
| Rated insulation voltage U <sub>i</sub>          | 800 V  |

**Functions**

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

**Main electrical attributes**

|                               |          |
|-------------------------------|----------|
| Magnetic protection trip time | 0 - 0 ms |
|-------------------------------|----------|

**Power**

|                                       |         |
|---------------------------------------|---------|
| Total power loss under I <sub>N</sub> | 29.60 W |
|---------------------------------------|---------|

**Endurance**

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

**Safety**

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

**Use conditions**

|                       |             |
|-----------------------|-------------|
| Operating temperature | -25 - 70 °C |
|-----------------------|-------------|

**Connection**

|                                  |                          |
|----------------------------------|--------------------------|
| Cross-section flexible conductor | 35 - 150 mm <sup>2</sup> |
| Cross-section rigid conductor    | 35 - 185 mm <sup>2</sup> |
| Connector/plug type              | Terminal                 |

**Installation, mounting**

|                               |            |
|-------------------------------|------------|
| Nominal tightening torque     | 12 - 12 Nm |
| Mounting-/Connection Position | Front      |

**Settings**

|                                                           |                  |
|-----------------------------------------------------------|------------------|
| Thermal protection knob setting xI <sub>N</sub>           | 0.63<br>0.8<br>1 |
| Adjustment range short-term delayed short-circuit release | 0 - 0 A          |

**Sustainability**

|                 |     |
|-----------------|-----|
| REACH-SVHC free | Yes |
| RoHS conform    | Yes |