



MTN125

**MCB 1P 6kA B-25A 1M**

**Technical characteristics**

**Architecture**

|                 |     |
|-----------------|-----|
| Number of poles | 1 P |
| Type of pole    | 1 P |
| Curve           | B   |

**Main electrical features**

|                              |             |
|------------------------------|-------------|
| Rated operational voltage Ue | 230 / 400 V |
| Frequency                    | 50/60 Hz    |
| Type of supply voltage       | AC          |

**Voltage**

|                                 |        |
|---------------------------------|--------|
| Rated insulation voltage        | 500 V  |
| Rated impulse withstand voltage | 4000 V |

**Electric current**

|  |      |
|--|------|
| Rated service breaking capacity Ics AC according IEC 60898-1                 | 6 kA |
| Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1 | 6 kA |

**Electric current / temperature**

|                     |      |
|---------------------|------|
| Rating current 30°C | 25 A |
|---------------------|------|

**Dimensions**

|                             |         |
|-----------------------------|---------|
| Depth of installed product  | 70 mm   |
| Height of installed product | 83 mm   |
| Width of installed product  | 17.5 mm |

**Power**

|                           |     |
|---------------------------|-----|
| Total power loss under IN | 3 W |
|---------------------------|-----|

**Endurance**

|  |       |
|--|-------|
| Electric endurance in number of cycles | 10000 |
| Number of mechanical operations        | 20000 |

**Installation, mounting**

|                   |       |
|-------------------|-------|
| Tightening torque | 2,8Nm |
|-------------------|-------|

**Connection**

|   |                       |
|---|-----------------------|
| Connection cross-sect. flexible conductor | 1 / 25mm <sup>2</sup> |
| Connection cross-sect. rigid cable        | 1 / 35mm <sup>2</sup> |
| Type of connection                        | with screw            |

**Standards**

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Standard text

EN 60898-1

**Use conditions**

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Operating temperature

-25...70 °C