



HHA025Z

**Moulded Case Circuit Breaker h3 x160 TM FIX 3P3D 25A 25kA CTC**

**Technical Features**

**Electric current**

Rated current	25 A
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	25 kA
Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	35 kA
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	25 kA
Rated service breaking capacity Ics under 400 V AC according to IEC 60947-2	20 kA
Rated current 10°C according to IEC 60947	29.30 A
Rated current 15°C according to IEC 60947	28.80 A
Rated current 20°C according to IEC 60947	28.30 A
Rated current 25°C according to IEC 60947	27.70 A
Rated current 30°C according to IEC 60947	27.20 A
Rated current at 35°C according to IEC 60947	26.70 A
Rated current at 40°C according to IEC 60947	26.10 A
Rated current 45°C according to IEC 60947	25.50 A
Rated current 50°C according to IEC 60947	25 A
Rated current 55°C according to IEC 60947	24.40 A
Rated current at 60°C according to IEC 60947	23.70 A
Rated current 65°C according to IEC 60947	23.10 A
Rated current 70°C according to IEC 60947	22.50 A

**Architecture**

Number of poles	3
Control/operation element	Toggle
Device construction type	Fixed built-in
Neutral position	Without neutral

**Tripping**

Response time when opening	10 ms
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**Frequency**

Frequency	50 - 60 Hz
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**Voltage**

Rated impulse withstand voltage Uimp	8000 V
Rated insulation voltage Ui	690 V

**Functions**

Trip unit	TM F/F
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**Power**

Total power loss under IN	13.70 W
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**Endurance**

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

**Safety**

Ingress Protection (IP) class	IP4X
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**Connection**

Cross-section flexible conductor	4 - 70 mm <sup>2</sup>
Cross-section rigid conductor	4 - 95 mm <sup>2</sup>

**Installation, mounting**

Mounting-/Connection Position	Front
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**Connectivity**

Type of connection	Screw terminal
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**Settings**

Thermal protection knob setting xIN

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**Dimensions**

Height

130 mm

Width

75 mm

Depth

68 mm

**Compatibility**

Suitable for DIN Rail

Yes

**Main electrical attributes**

Magnetic protection trip time

0 - 0 ms

**Sustainability**

REACH conform

Yes

RoHS conform

Yes