



HHA016Z

**Moulded Case Circuit Breaker h3 x160 TM FIX 3P3D 16A 25kA CTC**

**Technical Features**

**Architecture**

Neutral position	Without neutral
Number of poles	3

**Compatibility**

Suitable for DIN Rail	No
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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>

**Connectivity**

Type of connection	Screw terminal
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**Dimensions**

Depth	68 mm
Height	130 mm
Width	75 mm

**Electric current**

Rated current	16 A
Rated current 10°C according to IEC 60947	21.50 A
Rated current 15°C according to IEC 60947	20.90 A
Rated current 20°C according to IEC 60947	20.20 A
Rated current 25°C according to IEC 60947	19.60 A
Rated current 30°C according to IEC 60947	18.90 A
Rated current 45°C according to IEC 60947	16.70 A
Rated current 50°C according to IEC 60947	16 A
Rated current 55°C according to IEC 60947	15.10 A
Rated current 65°C according to IEC 60947	13.30 A
Rated current 70°C according to IEC 60947	12.30 A
Rated current at 35°C according to IEC 60947	18.20 A
Rated current at 40°C according to IEC 60947	17.50 A
Rated current at 60°C according to IEC 60947	14.20 A
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 ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	35 kA
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	25 kA

**Endurance**

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

**Frequency**

Frequency	50 - 60 Hz
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**Functions**

Trip unit	TM F/F
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**Main electrical attributes**

Magnetic protection trip time	0 - 0 ms
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**Power**

Total power loss under IN	5.30 W
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**Safety**

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

Thermal protection knob setting xIN	1
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**Tripping**

Response time when opening	10 ms
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**Voltage**

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

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**Sustainability**

REACH conform	Yes
RoHS conform	Yes