



HDA021L

**Moulded Case Circuit Breaker h3 x160 TM FIX 4P4D 20A 18kA CTC**

**Technical properties**

**Electric current**

Rated current	20 A
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	18 kA
Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	25 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	18 kA

**Architecture**

Number of poles	4
Control/operation element	Toggle
Device construction type	Fixed built-in

**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	8,000 V
Rated insulation voltage Ui	690 V

**Functions**

Trip unit	TM F/F
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**Power**

Total power loss under IN	8.70 W
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**Endurance**

Electric endurance in number of cycles	1,000
Number of mechanical operations	4,000

**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>

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**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	1, 1
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**Dimensions**

Height	130 mm
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Width	100 mm
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Depth	68 mm
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**Compatibility**

Suitable for DIN Rail	Yes
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**Main electrical attributes**

Magnetic protection trip time	0 - 0 ms
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