



HNA100U

**Moulded Case Circuit Breaker h3 x160 TM ADJ 3P3D 100A 40kA CTC**

**Technical characteristics**

**Electric current**

Rated current	100 A
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	40 kA
Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	85 kA
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	40 kA
Rated service breaking capacity Ics under 400 V AC according to IEC 60947-2	20 kA

**Architecture**

Number of poles	3
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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
Rated operational voltage Ue	220 - 415 V

**Functions**

Trip unit	TM A/F
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**Power**

Total power loss under IN	35.70 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>

**Installation, mounting**

Mounting-/Connection Position	Front
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**Connectivity**

Type of connection	Screw terminal
<b>Settings</b>	
Thermal protection knob setting xIN	0.63, 0.8, 1
<b>Dimensions</b>	
Height	130 mm
Width	75 mm
Depth	68 mm