

HNG161U

**Moulded Case Circuit Breaker h250 4P 50kA 160A TM**

**Technical characteristics**

**Electric current**

Rated current	160 A
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	50 kA
Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	85 kA

**Architecture**

Number of poles	4
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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	800 V

**Functions**

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

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

Total power loss under IN	36 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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**Use conditions**

Operating temperature	-25 - 70 °C
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**Connection**

Cross-section flexible conductor	35 - 150 mm <sup>2</sup>
Cross-section rigid conductor	35 - 185 mm <sup>2</sup>
Connector/plug type	Terminal

**Installation, mounting**

Nominal tightening torque	12 - 12 Nm
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Subject to technical modifications

Mounting-/Connection Position	Front
<b>Settings</b>	
Thermal protection knob setting xIN	0.63, 0.8, 1
Adjustment range short-term delayed short-circuit release	0 - 0 A