



HNC251H

**Moulded Case Circuit Breaker h250 4P 50kA 250A LSI**

**Technical Features**

**Electric current**

Rated current	250 A
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**Architecture**

Number of poles	4
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**Electric current**

Rated ultimate short-circuit breaking capacity I <sub>cu</sub> under 400 V AC IEC 60947-2	50 kA
Rated ultimate short-circuit breaking capacity I <sub>cu</sub> under 240 V AC IEC 60947-2	85 kA

**Frequency**

Frequency	50 - 60 Hz
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**Voltage**

Rated impulse withstand voltage U <sub>imp</sub>	8000 V
Rated insulation voltage U <sub>i</sub>	800 V

**Functions**

Trip unit	LSI
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**Main electrical attributes**

Magnetic protection trip time	100 - 200 ms
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**Power**

Total power loss under I <sub>N</sub>	73.20 W
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**Endurance**

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

**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
Mounting-/Connection Position	Front

**Settings**

Thermal protection knob setting xI <sub>N</sub>	0.4 0.5 0.63 0.8 0.9 1
Adjustment range short-term delayed short-circuit release	0 - 0 A