



HEC250H

**Moulded Case Circuit Breaker h250 3P 70kA 250A LSI**

**Technical Features**

**Architecture**

Number of poles	3
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**Connection**

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

**Electric current**

Rated current	250 A
Rated ultimate short-circuit breaking capacity I <sub>cu</sub> under 240 V AC IEC 60947-2	85 kA
Rated ultimate short-circuit breaking capacity I <sub>cu</sub> under 400 V AC IEC 60947-2	70 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	LSI
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**Installation, mounting**

Mounting-/Connection Position	Front
Nominal tightening torque	12 - 12 Nm

**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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**Safety**

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

Adjustment range short-term delayed short-circuit release	0 - 0 A
Thermal protection knob setting xI <sub>N</sub>	0.4
	0.5
	0.63
	0.8
	0.9
	0.95
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**Use conditions**

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

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

**Sustainability**

REACH conform	Yes
RoHS conform	Yes