



HNB250H

Moulded Case Circuit Breaker X250 3P 40kA 250A TM

Technical characteristics

Electric current

Rated current	250 A
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Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	40 kA
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Architecture

Number of poles	3
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Control/operation element	Toggle
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Device construction type	Fixed built-in
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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
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Rated insulation voltage Ui	800 V
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Rated operational voltage Ue	220 - 415 V
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Functions

Trip unit	TM A/A
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Power

Total power loss under IN	48 W
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Endurance

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

Ingress Protection (IP) class	IP4X
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Connection

Cross-section flexible conductor	35 - 150 mm ²
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Cross-section rigid conductor	35 - 185 mm ²
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Settings

Thermal protection knob setting xIN	0.63, 0.8, 1
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Adjustment range short-term delayed short-circuit release	0 - 0 A
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Compatibility

Suitable for DIN Rail	No
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Installation, mounting

Mounting-/Connection Position	Front
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Nominal tightening torque	12 - 12 Nm
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Main electrical attributes

Magnetic protection trip time	0 - 0 ms
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