



HNB252H

Moulded Case Circuit Breaker X250 4P 60% 40kA 250A TM

Technical properties

Electric current

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

Architecture

Number of poles	4
Control/operation element	Toggle
Device construction type	Fixed built-in

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
Rated insulation voltage Ui	800 V
Rated operational voltage Ue	220 - 415 V

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
Number of mechanical operations	4,000

Safety

Ingress Protection (IP) class	IP4X
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Connection

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

Settings

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

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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