



HNB161H

Moulded Case Circuit Breaker X250 4P 40kA 160A TM

Technical properties

Electric current

Rated current	160 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
Neutral position	Left

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	32.60 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
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Adjustment range short-term delayed
short-circuit release

0 - 0 A

Cable

Cable material

Copper

Compatibility

Suitable for DIN Rail

No

Suitable for distribution board

Yes

Installation, mounting

Mounting-/Connection Position

Front

Nominal tightening torque

12 - 12 Nm

Main electrical attributes

Nominal tightening torque down terminal

12 - 12 Nm

Nominal tightening torque top terminal

12 - 12 Nm

Magnetic protection trip time

0 - 0 ms