



HNB200H

MCCB X250 3P 40kA 200A TM

Product Datasheet

Architecture

Type of order	Toggle
Number of poles	3 P
Type of pole	3P3D

Functions

Complete device with protection unit	yes
Trip Unit	TM A/A
Integrated earth fault protection	no

Compatibility

Compatible with DIN rail mounting	no
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Main electrical features

Frequency	50/60 Hz
Rated operational voltage Ue	220/415 V

Voltage

Rated insulation voltage	800 V
Rated impulse withstand voltage	8000 V
With under voltage release	no

Electric current

Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2	40 kA
Breaking capacity on 1 pole with 400 V NF 60947-2	9 kA
Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2	85 kA
Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2	40 kA
Thermal protection nob setting xIN	0,63/0,8/1

Current correction factors

Correction factor of rating current for 2 devices placed side-by-side	1
Correction factor of rating current for 3 devices placed side-by-side	1
Correction factor of rating current for 4 and 5 devices placed side-by-side	1
Correction factor of rating current for 6 devices placed side-by-side	1

Power

Power loss per pole at In	8,3 W
Total power loss under IN	24,8 W

Tripping

Tripmode	TM
Time of response when opening	10 ms

Endurance

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

Installation, mounting

Tightening torque	12Nm
DIN rail mounting with optional adaptor	yes

Connection

Connection cross-sect. rigid cable	35 / 185mm ²
Connection cross-sect. flexible conductor	35 / 150mm ²
Connection	Front connection
Type of connection	Terminal

Settings

Range of the magnetic adjustment	1200/1600/2000/2600 A
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Equipment

Motor drive optional	yes
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Use cases

Category of use	A
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Standards

Standard text	IEC 60947-2
European directive WEEE	concerned

Safety

Protection index IP	IP4X
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Use conditions

Altitude	2000 m
Storage temperature	-35 to 70 °C
Air humidity protection	for all climates