



HNC040G

h3 MCCB h250 3x40A Plug In 50kA

Technical properties

Architecture

Number of poles	3 P
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Functions

Complete device with protection unit	Yes
Trip Unit	LSI
Integrated earth fault protection	No

Main electrical features

Rated operational voltage Ue	220 / 690 V
Frequency	50/60 Hz

Voltage

Rated insulation voltage	800 V
Rated impulse withstand voltage	8 kV
With under voltage release	No

Electric current

Rated current	40 A
Breaking capacity on 1 pole for IT 400V 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 400V AC IEC 60947-2	50 kA
Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2	50 kA

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

Tripping

Tripmode	LSI
Time of response when opening	10 ms

Endurance

Electric endurance in number of cycles	1000
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Number of mechanical operations	4000
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Installation, mounting

DIN rail mounting with optional adaptor	No
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Connection

Connection cross-sect. flexible conductor	35 / 150mm ²
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Type of connection	Terminal
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Settings

Range of the magnetic adjustment	224 / 280 / 350 / 448 / 504 / 520 / 520 A
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Equipment

Number of auxiliary contacts as normally closed contact	0
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Number of auxiliary contacts as normally open contact	0
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Number of auxiliary contacts as change-over contact	0
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Motor drive optional	Yes
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Standards

European directive WEEE	concerned
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Use conditions

Altitude	2000 m
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Air humidity protection	for all climates
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