



HNC041G

### h3 MCCB h250 4x40A Plug In 50kA

#### Technical properties

##### Architecture

Type of order	Toggle
Number of poles	4 P
Type of pole	4P4D N:0/50/100%

##### 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
Number of mechanical operations	4000

**Installation, mounting**

DIN rail mounting with optional adaptor	No
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**Connection**

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

**Settings**

Range of the magnetic adjustment	224 / 280 / 350 / 448 / 504 / 532 / 560 A
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**Equipment**

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

**Use cases**

Category of use	A
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**Standards**

Standard text	IEC 60947-2
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**Use conditions**

Operating temperature	-25...70 °C
Altitude	2000 m
Air humidity protection	for all climates
Storage/transport temperature	-35...70 °C