



HNS125BC

### Moulded Case Circuit Breaker h3+ P160 MAG 3P3D 125A 40kA CTC

#### Technical Features

##### Electric current

Rated current	125 A
Rated ultimate short-circuit breaking capacity I <sub>cu</sub> under 400 V AC IEC 60947-2	40 kA
Rated ultimate short-circuit breaking capacity I <sub>cu</sub> under 240 V AC IEC 60947-2	50 kA
Rated service breaking capacity I <sub>cs</sub> under 230 V AC according to IEC 60947-2	50 kA
Rated service breaking capacity I <sub>cs</sub> under 400 V AC according to IEC 60947-2	40 kA

##### Architecture

Number of poles	3
Control/operation element	Toggle
Device construction type	Fixed built-in
Neutral position	Without neutral

##### Frequency

Frequency	50 - 60 Hz
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##### Voltage

Rated impulse withstand voltage U <sub>imp</sub>	8000 V
Rated insulation voltage U <sub>i</sub>	800 V

##### Functions

Trip unit	MAG (ICB)
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##### Power

Total power loss under I <sub>N</sub>	32.10 W
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##### Endurance

Electric endurance in number of cycles	10000
Number of mechanical operations	40000

##### Safety

Ingress Protection (IP) class	IP4X
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##### Connection

Cross-section flexible conductor	6 - 70 mm <sup>2</sup>
Cross-section rigid conductor	6 - 95 mm <sup>2</sup>

##### Installation, mounting

Nominal tightening torque	6 - 6 Nm
Mounting-/Connection Position	Front

##### Connectivity

Type of connection	Screw terminal
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##### Cover, door

Interlockable	Yes
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##### Cable

Cable material	Copper
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##### Dimensions

Height	130 mm
Width	90 mm
Depth	97 mm

##### Compatibility

Compatible with RDC AOB	No
Suitable for DIN Rail	No
Suitable for distribution board	Yes

**Electrical protection**

Instantaneous protection (li): dial setting coefficient	6
	8
	10
	12

**Sustainability**

REACH-SVHC free	Yes
RoHS conform	Yes