



HNA161M

### Moulded Case Circuit Breaker h3 x160 MAG 4P4D 160A 40kA CTC

#### Technical Features

##### Electric current

Rated current	160 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	85 kA
Rated service breaking capacity I <sub>cs</sub> under 230 V AC according to IEC 60947-2	40 kA
Rated service breaking capacity I <sub>cs</sub> under 400 V AC according to IEC 60947-2	20 kA

##### Architecture

Number of poles	4
Control/operation element	Toggle
Device construction type	Fixed built-in

##### 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 U <sub>imp</sub>	8000 V
Rated insulation voltage U <sub>i</sub>	690 V

##### Functions

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

Total power loss under I <sub>N</sub>	30.80 W
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##### Endurance

Electric endurance in number of cycles	10000
Number of mechanical operations	20000

##### Safety

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

Cross-section flexible conductor	4 - 70 mm <sup>2</sup>
Cross-section rigid conductor	4 - 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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##### Dimensions

Height	130 mm
Width	100 mm
Depth	68 mm

##### Compatibility

Suitable for DIN Rail	Yes
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##### Installation, mounting

Nominal tightening torque down terminal	6 - 6 Nm
Nominal tightening torque top terminal	6 - 6 Nm

##### Main electrical attributes

Magnetic protection trip time	0 - 0 ms
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Sustainability

REACH-SVHC free	Yes
RoHS conform	Yes