



HNA161H

**Moulded Case Circuit Breaker h3 x160 MAG 3P3D 16A 40kA CTC**

**Technical Features**

**Electric current**

Rated current	16 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	3
Control/operation element	Toggle
Device construction type	Fixed built-in
Neutral position	Without neutral

**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>	3 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	75 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**

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REACH-SVHC free	Yes
RoHS conform	Yes

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