



HNA161H

### Moulded Case Circuit Breaker X160 3P 40kA 63A I mag 1000

#### Technical Features

##### Electric current

Rated current	63 A
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	40 kA
Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	85 kA

##### Architecture

Number of poles	3
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 Uimp	8000 V
Rated insulation voltage Ui	690 V

##### Power

Total power loss under IN	12 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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##### Settings

Thermal protection knob setting xIN	0
	0
Adjustment range short-term delayed short-circuit release	0 - 0 A

##### Compatibility

Suitable for DIN Rail	Yes
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##### Main electrical attributes

Magnetic protection trip time	0 - 0 ms
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