



Main

Range of product	NG160
Device short name	NG160N
Circuit breaker name	NG160N
Circuit breaker application	Distribution
Poles description	3P
Protected poles description	3t
Network type	AC
Network frequency	50/60 Hz
[In] rated current	80 A (40 °C)
Breaking capacity code	N
Breaking capacity	40 kA Icu conforming to IEC 60947-2 at 220...240 V AC 50/60 Hz 25 kA Icu conforming to IEC 60947-2 at 380...415 V AC 50/60 Hz 16 kA Icu conforming to IEC 60947-2 at 440 V AC 50/60 Hz 10 kA Icu conforming to IEC 60947-2 at 500 V AC 50/60 Hz
[Ics] rated service breaking capacity	Ics 18.75 kA 380/415 V AC 50/60 Hz Ics 12 kA 440 V AC 50/60 Hz Ics 7.5 kA 500 V AC 50/60 Hz Ics 30 kA 220/240 V AC 50/60 Hz
Suitability for isolation	Yes
Trip unit technology	Thermal-magnetic
Trip unit rating	80 A

Complementary

Control type	Toggle
Mounting mode	Clipped
Mounting support	35 mm symmetrical DIN rail
Upside connection	Front
Downside connection	Front
Connections - terminals	Tunnel type terminals
Mechanical durability	10000 cycles
Electrical durability	5000 cycles 440 V
Local signalling	ON/OFF indication
Magnetic tripping current	800 A
Long time pick-up adjustment type Ir	Fixed
Earth-leakage protection	Separate block
Height	120 mm
Width	90 mm
Depth	82.5 mm
Product compatibility	Single terminal

Environment

Standards	IEC 60947-3
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Contractual warranty

Period	18 months
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