



Main

Range	Compact
Range of product	NG160
Product name	NG160
Product or component type	Circuit breaker
Device short name	NG160N
Circuit breaker name	NG160N
Device 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	10 kA Icu conforming to IEC 60947-2 at 500 V AC 50/60 Hz 16 kA Icu conforming to IEC 60947-2 at 440 V AC 50/60 Hz 25 kA Icu conforming to IEC 60947-2 at 380...415 V AC 50/60 Hz 40 kA Icu conforming to IEC 60947-2 at 220...240 V AC 50/60 Hz
[Ics] rated service breaking capacity	Ics 30 kA 220/240 V AC 50/60 Hz Ics 7.5 kA 500 V AC 50/60 Hz Ics 12 kA 440 V AC 50/60 Hz Ics 18.75 kA 380/415 V AC 50/60 Hz
Suitability for isolation	Yes
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	80 A
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

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
Compatibility code	NG160

Environment

Standards	IEC 60947-3
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Contractual warranty

Warranty period	18 months
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