



Main

Range	Compact
Range of product	NG160
Product name	NG160
Product or component type	Circuit breaker
Device short name	NG160E
Circuit breaker name	NG160E
Device application	Distribution
Poles description	4P
Protected poles description	4t
Network type	AC
Network frequency	50/60 Hz
[In] rated current	50 A (40 °C)
Breaking capacity code	E
Breaking capacity	10 kA Icu conforming to IEC 60947-2 at 440 V AC 50/60 Hz 16 kA Icu conforming to IEC 60947-2 at 380...415 V AC 50/60 Hz 25 kA Icu conforming to IEC 60947-2 at 220...240 V AC 50/60 Hz 8 kA Icu conforming to IEC 60947-2 at 500 V AC 50/60 Hz
[Ics] rated service breaking capacity	Ics 6 kA 500 V AC 50/60 Hz Ics 7.5 kA 440 V AC 50/60 Hz Ics 12 kA 380/415 V AC 50/60 Hz Ics 18.75 kA 220/240 V AC 50/60 Hz
Suitability for isolation	Yes
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	50 A
Protection type	Short-circuit protection (magnetic) Overload protection (thermal)

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	120 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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