

Main

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	100 A 40 °C
[Ui] rated insulation voltage	800 V IEC 60947-2 AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV IEC 60947-2
[Ue] rated operational voltage	500 V AC 50/60 Hz IEC 60947-2
Circuit breaker rating code	N
Breaking capacity	Icu 40 kA at 220/240 V AC 50/60 Hz Icu 25 kA at 380/415 V AC 50/60 Hz Icu 16 kA at 440 V AC 50/60 Hz Icu 10 kA at 500 V AC 50/60 Hz
[Ics] rated service breaking capacity	7.5 kA 500 V AC 50/60 Hz 12 kA 440 V AC 50/60 Hz 18.75 kA 380/415 V AC 50/60 Hz 30 kA 220/240 V AC 50/60 Hz
Suitability for isolation	Yes
Trip unit technology	Thermal-magnetic
Trip unit rating	100 A

Complementary

Control type	Toggle
Mounting mode	Clipped
Mounting support	35 mm symmetrical DIN rail
Upside connection	Front
Downside connection	Front
Mechanical durability	10000 cycles
Electrical durability	5000 cycles 440 V
Local signalling	ON/OFF indication
Magnetic tripping current	1 A
Long time pick-up adjustment type Ir	Fixed
Height	120 mm
Width	90 mm
Depth	82.5 mm

Environment

Standards	IEC 60947-3
RoHS EUR conformity date	0826
RoHS EUR status	Compliant