Product datasheet

Specifications

circuit breaker NG160E - TMD - 63 A - 4 poles 4d

28614

Discontinued on: 1 Nov 2020

Discontinued

Main

Range of product	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	63 A at 40 °C
Breaking capacity code	E
Breaking capacity	10 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 16 kA Icu at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 8 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	6 kA at 500 V AC 50/60 Hz 7.5 kA at 440 V AC 50/60 Hz 12 kA at 380/415 V AC 50/60 Hz 18.75 kA at 220/240 V AC 50/60 Hz
Suitability for isolation	Yes
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	63 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

Environment

Standards	IEC 60947-3

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Better

Materials and Substances

EU RoHS Directive	Compliant

Use Longer

Lifetime extension

Repair	No

Use Again

Repack and remanufacture

WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins