

Product datasheet

Specifications



circuit breaker NG160H - TMD - 50 A - 3 poles 3d

28645

⚠ Discontinued on: 4 Nov 2020

⚠ Discontinued

Main

Range of product	NG160
Product or component type	Circuit breaker
Device short name	NG160H
Circuit breaker name	NG160H
Device application	Distribution
Poles description	3P
Protected poles description	3t
Network type	AC
Network frequency	50/60 Hz
[In] rated current	50 A at 40 °C
Breaking capacity code	H
Breaking capacity	15 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 22 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 36 kA Icu at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	27 kA at 380/415 V AC 50/60 Hz 37.5 kA at 220/240 V AC 50/60 Hz 11.25 kA at 500 V AC 50/60 Hz 16.5 kA at 440 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	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	600 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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Packing Units

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

Contractual warranty

Warranty (in months)	18
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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