Product datasheet

Specifications

Green Premium™

circuit breaker NG160E - TMD - 80 A - 3 poles 3d

28603

Main

Range Of Product	NG160
Product Or Component Type	Circuit breaker
Device Short Name	NG160E
Circuit Breaker Name	NG160E
Device Application	Distribution
Poles Description	3P
Protected Poles Description	3t
Network Type	AC
Network Frequency	50/60 Hz
[In] Rated Current	80 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	80 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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

Environment

Standards	IEC 60947-3

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

RoHS/REACh

Certifications & Standards

Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration