

Product datasheet

Specifications



circuit breaker Vigicomact NR160F - TMD - 125 A - 4 poles 4d

30786

⚠ Discontinued on: 1 Nov 2020

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Main

Range of product	NR100...250
Product or component type	Circuit breaker
Product name	Compact NR
Device short name	Vigicomact NR160F
Device application	Distribution
Poles description	4P
Protected poles description	4t
Network type	AC
Network frequency	50/60 Hz
[In] rated current	125 A at 40 °C
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
[Ue] rated operational voltage	500 V AC 50/60 Hz conforming to IEC 60947-2
Breaking capacity code	F
Breaking capacity	25 kA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-3 35 kA Icu at 230/240 V AC 50/60 Hz conforming to IEC 60947-2
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	125 A
Protection type	Overload protection (long time)
Pollution degree	3 conforming to IEC 60529

Complementary

Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Local signalling	Positive contact indication
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.8...1 x In

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

Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	1250
Residual earth-leakage sensitivity adjustment type	Adjustable
[IΔn] residual earth-leakage sensitive adjustment	0.03...10 A
Residual earth-leakage time delay adjustment type	Adjustable
Height	236 mm
Width	140 mm
Depth	86 mm

Environment

Standards	IEC 60947-2
Product certifications	LCIE ASTA ASEFA KEMA
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 60529
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

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 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