

Product datasheet

Specifications



circuit breaker Vigicompact NR250F - TMD - 250 A - 3 poles 3d

31787

⚠ Discontinued on: 1 Nov 2020

⚠ Discontinued

Main

Range of product	NR100...250
Product or component type	Circuit breaker
Product name	Compact NR
Device short name	Vigicompact NR250F
Device application	Distribution
Poles description	3P
Protected poles description	3t
Network type	AC
Network frequency	50/60 Hz
[In] rated current	250 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	250 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

Instantaneous pick-up adjustment type li	Adjustable
Instantaneous pick-up adjustment range	5...10 x I _n
Residual earth-leakage sensitivity adjustment type	Adjustable
[I_{Δn}] residual earth-leakage sensitive adjustment	0.03...10 A
Residual earth-leakage time delay adjustment type	Adjustable
Height	236 mm
Width	105 mm
Depth	86 mm

Environment

Standards	IEC 60947-2
Product certifications	ASTA ASEFA KEMA LCIE
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