

# Bảng thông số sản phẩm

Thông số kỹ thuật



## circuit breaker Compact NS250N - TMD - 250 A - 3 poles 2d

31620

! **Ngừng sản xuất vào:** 23 tháng một 2021

31620 chưa được thay thế. Vui lòng liên hệ dịch vụ Hỗ trợ khách hàng của bạn để biết thêm thông tin.

! **Ngừng sản xuất**

### Main

Range of product	Compact NS100...630
Product or component type	Circuit breaker
Device short name	Compact NS250N
Circuit breaker name	Compact NS250N
Device application	Distribution
Poles description	3P
Protected poles description	2t
Network type	AC DC
Network frequency	50/60 Hz
[In] rated current	220 A at 65 °C 250 A at 40 °C
[Ui] rated insulation voltage	750 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2 750 V DC conforming to IEC 60947-2
Breaking capacity code	N
Breaking capacity	85 kA at 240 V AC 50/60 Hz conforming to NEMA AB1 HIC 8 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 35 kA at 480 V AC 50/60 Hz conforming to NEMA AB1 HIC 85 kA at 240 V AC 50/60 Hz conforming to UL 508 22 kA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 35 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 85 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 20 kA at 600 V AC 50/60 Hz conforming to NEMA AB1 HIC 35 kA at 480 V AC 50/60 Hz conforming to UL 508 30 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 18 kA at 600 V AC 50/60 Hz conforming to UL 508
[Ics] rated service breaking capacity	8 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 35 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 36 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 85 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 22 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2 30 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
Trip unit name	TM-D

<b>Trip unit technology</b>	Thermal-magnetic
<b>Trip unit rating</b>	250 A
<b>Protection type</b>	Overload protection (thermal) Short-circuit protection (magnetic)
<b>Pollution degree</b>	3 conforming to IEC 60947

## Complementary

<b>Control type</b>	Toggle
<b>Mounting mode</b>	Fixed
<b>Mounting support</b>	Backplate
<b>Upside connection</b>	Front
<b>Downside connection</b>	Front
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	10000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 20000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2
<b>Connection pitch</b>	35 mm
<b>Local signalling</b>	Positive contact indication
<b>Long time pick-up adjustment type Ir</b>	Adjustable
<b>Long time pick-up adjustment range</b>	0.8...1 x In
<b>Instantaneous pick-up adjustment type li</b>	Adjustable
<b>Instantaneous pick-up adjustment range</b>	5...10 x In
<b>Height</b>	161 mm
<b>Width</b>	105 mm
<b>Depth</b>	86 mm

## Environment

<b>Standards</b>	IEC 60947-2
<b>Product certifications</b>	ASTA ASEFA KEMA LCIE
<b>IP degree of protection</b>	IP40 conforming to IEC 60529
<b>IK degree of protection</b>	IK07 conforming to EN 50102
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Ambient air temperature for storage</b>	-50...85 °C

## Packing Units

<b>Package 1 Weight</b>	1.656 kg
<b>Package 1 Height</b>	1.130 dm
<b>Package 1 width</b>	1.410 dm
<b>Package 1 Length</b>	1.720 dm

## Contractual warranty

<b>Warranty</b>	18 months
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