

# Product data sheet

Specifications



## circuit breaker Compact NSF150N - TMD - 60 A - 3 poles 3d

37648

⚠ Discontinued

### Main

Range of Product	NSF100...250
Product or Component Type	Circuit breaker
Device short name	Compact NSF150N
Circuit breaker name	Compact NSF150N
Device Application	Distribution
Poles description	3P
Protected poles description	3t
Network type	AC
Network Frequency	50/60 Hz
Upside connection	Front
Downside connection	Front
Line Rated Current	150 A 104 °F (40 °C)
[Ui] rated insulation voltage	750 V AC 50/60 Hz IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kVIEC 60947-2
[Ue] rated operational voltage	500 V DC IEC 60947-2
Breaking capacity code	N
Breaking capacity	22 kA Icu 525 V AC 50/60 Hz IEC 60947-2 30 kA Icu 500 V AC 50/60 Hz IEC 60947-2 85 kA Icu 220/240 V AC 50/60 Hz IEC 60947-2 35 kA Icu 440 V AC 50/60 Hz IEC 60947-2 36 kA Icu 380/415 V AC 50/60 Hz IEC 60947-2 50 kA Icu 250 V DC 1P IEC 60947-2 50 kA Icu 500 V DC 2P IEC 60947-2 8 kA Icu 600/690 V AC 50/60 Hz IEC 60947-2
[Ics] rated service breaking capacity	22 kA 525 V AC 50/60 Hz IEC 60947-2 30 kA 500 V AC 50/60 Hz IEC 60947-2 85 kA 220/240 V AC 50/60 Hz IEC 60947-2 35 kA 440 V AC 50/60 Hz IEC 60947-2 36 kA 380/415 V AC 50/60 Hz IEC 60947-2 50 kA 250 V DC IEC 60947-2 50 kA 500 V DC IEC 60947-2 8 kA 600/690 V AC 50/60 Hz IEC 60947-2
Suitability for isolation	Yes IEC 60947-2
Utilisation category	Category A
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Trip unit rating</b>	51 A 158 °F (70 °C) 54 A 140 °F (60 °C) 57 A 122 °F (50 °C) 60 A 104 °F (40 °C)
<b>Protection Type</b>	Short-circuit protection (magnetic) Overload protection (thermal)
<b>Pollution degree</b>	3 IEC 60529

## Complementary

<b>Control Type</b>	Toggle
<b>Mounting Mode</b>	Fixed
<b>Mounting Support</b>	Backplate
<b>Connection pitch</b>	1.4 in (35 mm)
<b>Local signalling</b>	Positive contact indication
<b>Long time pick-up adjustment type I<sub>r</sub></b>	Adjustable
<b>Long time pick-up adjustment range</b>	0.8...1 x I <sub>n</sub>
<b>Instantaneous pick-up adjustment type I<sub>i</sub></b>	Fixed
<b>Instantaneous pick-up adjustment range</b>	1000 A
<b>Height</b>	6.3 in (161 mm)
<b>Width</b>	4.1 in (105 mm)
<b>Depth</b>	3.4 in (86 mm)

## Environment

<b>Standards</b>	IEC 60947-2
<b>Product Certifications</b>	ASEFA ASTA LCIE KEMA
<b>IP degree of protection</b>	IP40 conforming to IEC 60529
<b>IK degree of protection</b>	IK07 conforming to IEC 60529
<b>Ambient Air Temperature for Operation</b>	68...158 °F (20...70 °C)

## Ordering and shipping details

<b>Category</b>	01082-***OBSOLETE***CIRCUIT BRKR PRODUCTS
<b>Discount Schedule</b>	DE5A
<b>GTIN</b>	3303430376484
<b>Returnability</b>	No



## 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.