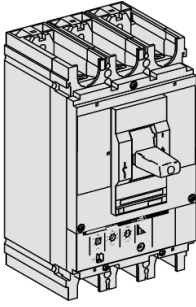


Product datasheet

Specifications



circuit breaker Compact NS630H - MP3 - 630 A - 4 poles

32947

! Discontinued

Main

Range of product	NS400...630 DC
Product or component type	Circuit breaker
Device short name	Compact NS630DC
Circuit breaker name	Compact NS630DC
Device application	Distribution
Poles description	4P
Protected poles description	4t
Neutral position	Left
Network type	DC
[In] rated current	500 A at 65 °C 630 A at 40 °C
[Ui] rated insulation voltage	800 V DC conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
[Ue] rated operational voltage	750 V DC conforming to IEC 60947-2
Breaking capacity code	DC
Breaking capacity	100 kA Icu at 250 V DC 1P conforming to IEC 60947-2 100 kA Icu at 48/125 V DC 1P conforming to IEC 60947-2 100 kA Icu at 500 V DC 2P conforming to IEC 60947-2 100 kA Icu at 750 V DC 3P conforming to IEC 60947-2
[Ics] rated service breaking capacity	100 kA at 250 V DC conforming to IEC 60947-2 100 kA at 48/125 V DC conforming to IEC 60947-2 100 kA at 500 V DC conforming to IEC 60947-2 100 kA at 750 V DC conforming to IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
Trip unit name	MP3
Trip unit technology	Magnetic
Trip unit rating	630 A
Protection type	Short-circuit protection (magnetic)
Pollution degree	3 conforming to IEC 60947

Complementary

Control type	Toggle
Mounting mode	Fixed

Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Mechanical durability	5000 cycles
Electrical durability	1000 cycles 250 V DC In conforming to IEC 60947-2 1000 cycles 500 V DC In conforming to IEC 60947-2 1000 cycles 750 V DC In conforming to IEC 60947-2 2000 cycles 250 V DC In/2 conforming to IEC 60947-2 2000 cycles 500 V DC In/2 conforming to IEC 60947-2 2000 cycles 750 V DC In/2 conforming to IEC 60947-2
Connection pitch	45 mm
Local signalling	Positive contact indication
Magnetic tripping current	2000...4000 A
Neutral protection setting	No protection
Height	225 mm
Width	185 mm
Depth	110 mm

Environment

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

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 Better



Materials and Substances

EU RoHS Directive

[Compliant](#)

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