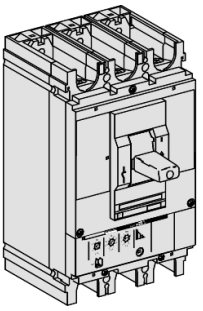
Product data sheet

Specifications

Green Premium™



circuit breaker Compact NS400H - MP1 - 400 A - 3 poles 3d

32742

Discontinued on: May 19, 2023

Discontinued

Main

Range Of Product	Compact NS100...630
Product Or Component Type	Circuit breaker
Device Short Name	Compact NS400DC
Circuit Breaker Name	Compact NS400DC
Device Application	Distribution
Poles Description	3P
Protected Poles Description	3t
Network Type	DC
[In] Rated Current	400 A at 40 °C 320 A at 65 °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	MP1
Trip Unit Technology	Magnetic
Trip Unit Rating	400 A
Protection Type	Short-circuit protection (magnetic)
Pollution Degree	3 conforming to IEC 60947

Complementary

Control Type	Toggle
Mounting Mode	Fixed

List Price displayed is VAT EXCLUSIVE.

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

Mounting Support	Backplate
Upside Connection	Front
Downside Connection	Front
Circuit Breaker Ct Rating	400 A
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	800…1600 A
Width	14 cm

Environment

Standards	IEC 60947-2
Product Certifications	ASTA LCIE ASEFA KEMA
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	-25…70 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

RoHS/REACh

Certifications & Standards

Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration