

Product data sheet

Specifications



circuit breaker Compact NS400N - 250 A - 4 poles - fixed - without trip unit

32397

⚠ Discontinued

Main

Range Of Product	NS400...630
Product Or Component Type	Basic frame
Device Short Name	Compact NS400N
Circuit Breaker Name	Compact NS400N
Poles Description	4P
Neutral Position	Left
Network Type	AC DC
Network Frequency	50/60 Hz
Control Type	Toggle
[In] Rated Current	320 A at 65 °C 400 A at 40 °C
[Uij] 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 22 kA Icu at 525 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 10 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 20 kA at 600 V AC 50/60 Hz conforming to NEMA AB1 HIC 50 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 30 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 42 kA at 480 V AC 50/60 Hz conforming to NEMA AB1 HIC 42 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] Rated Service Breaking Capacity	85 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 380/415 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 10 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 42 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Suitability For Isolation	Yes conforming to IEC 60947-2
Utilisation Category	Category A
Pollution Degree	3 conforming to IEC 60947

Complementary

Mounting Mode	Fixed
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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	250 A
Protection Type	Without protection
Mechanical Durability	15000 cycles conforming to IEC 60947-2
Electrical Durability	12000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2 6000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2
Connection Pitch	45 mm
Height	255 mm
Width	185 mm
Depth	110 mm

Environment

Standards	IEC 60947-2
Product Certifications	ASTA KEMA ASEFA LCIE
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	18 months
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