



Commercial status

End of Commercialisation :

⚠ End of Commercialisation

Main

Range of product	NS100...250
Range	Compact
Product name	Compact NS250 NA
Device short name	Compact NS250 NA
Product or component type	Switch disconnector
Device application	Distribution
Poles description	4P
Network type	DC AC
Network frequency	50/60 Hz
[Ie] rated operational current	AC-22A: 250 A AC 50/60 Hz 220/240 V AC-22A: 250 A AC 50/60 Hz 380/415 V AC-22A: 250 A AC 50/60 Hz 440/480 V AC-22A: 250 A AC 50/60 Hz 500/525 V AC-22A: 250 A AC 50/60 Hz 660/690 V AC-23A: 250 A AC 50/60 Hz 220/240 V AC-23A: 250 A AC 50/60 Hz 380/415 V AC-23A: 250 A AC 50/60 Hz 440/480 V AC-23A: 250 A AC 50/60 Hz 500/525 V AC-23A: 250 A AC 50/60 Hz 660/690 V DC-22A: 250 A DC 250 V 1P DC-22A: 250 A DC 500 V 2 poles in series DC-23A: 250 A DC 250 V 1P DC-23A: 250 A DC 500 V 2 poles in series
[Ui] rated insulation voltage	750 V AC 50/60 Hz conforming to IEC 60947-3
[Uimp] rated impulse withstand voltage	8 KV conforming to IEC 60947-3
[Ith] conventional free air thermal current	250 A at 60 °C
[Icm] rated short-circuit making capacity	4.9 KA
[Ue] rated operational voltage	500 V DC conforming to IEC 60947-3 690 V AC 50/60 Hz conforming to IEC 60947-3
Breaking capacity code	NA
Suitability for isolation	Yes conforming to IEC 60947-3
Contact position indicator	Yes
Visible break	No
Pollution degree	3 conforming to IEC 60947-3

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Complementary

Control type	Toggle
Mounting mode	Fixed
Upside connection	Front
Downside connection	Front
[Icw] rated short-time withstand current	1.35 KA during 20 s conforming to IEC 60947-3 3.5 KA during 1 s conforming to IEC 60947-3 3.5 KA during 3 s conforming to IEC 60947-3
Mechanical durability	20000 Cycles conforming to IEC 60947-3
Electrical durability	AC-22A: 20000 cycles 690 V AC 50/60 Hz conforming to IEC 60947-3 AC-23A: 10000 cycles 440 V AC 50/60 Hz conforming to IEC 60947-3 AC-23A: 20000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-3 DC-23A: 10000 cycles 250 V DC conforming to IEC 60947-3 DC-23A: 20000 cycles 250 V DC In/2 conforming to IEC 60947-3
Connection pitch	35 Mm
Height	161 Mm
Width	105 Mm
Depth	86 Mm
Net weight	2.2 Kg

Environment

Standards	IEC 60947-3
Product certifications	KEMA ASEFA ASTA
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

Contractual warranty

Warranty	18 months
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Product Life Status : **End of commercialisation**

31639 may be replaced by any of the following products:



LV431639

switch disconnecter Compact NSX250NA, 4 poles, 250 A, AC22A, AC23A

Qty 1

Reason for Substitution: End of life | Substitution date: 01 Jan 2009 |



LV431639

switch disconnecter Compact NSX250NA, 4 poles, 250 A, AC22A, AC23A

Qty 1

Reason for Substitution: End of life | Substitution date: 01 Jan 2009 |