



Main

Range of product	NS630b...1600
Range	Compact
Product name	Compact NS
Device short name	Compact NS1600 NA
Product or component type	Switch disconnector
Device application	Distribution
Offer type	C4
Poles description	4P
Network type	AC
Breaking capacity code	NA
Suitability for isolation	Yes according to IEC 60947-3

Complementary

Network frequency	50/60 Hz
Control type	Motor mechanism
Mounting mode	Fixed
[Ie] rated operational current	AC-23A : 1600 A AC 50/60 Hz 220/240 V AC-23A : 1600 A AC 50/60 Hz 380/415 V AC-23A : 1600 A AC 50/60 Hz 440/480 V AC-23A : 1600 A AC 50/60 Hz 500/525 V AC-23A : 1600 A AC 50/60 Hz 660/690 V
[Ui] rated insulation voltage	800 V AC 50/60 Hz according to IEC 60947-3
[Uimp] rated impulse withstand voltage	8 kV according to IEC 60947-3
[Ith] conventional free air thermal current	1600 A (60 °C)
[Icw] rated short-time withstand current	25 kA (0.5 s) according to IEC 60947-3 4 kA (20 s) according to IEC 60947-3
[Icm] rated short-circuit making capacity	52 kA 690 V AC 50/60 Hz
[Ue] rated operational voltage	690 V AC 50/60 Hz according to IEC 60947-3
Contact position indicator	Yes
Visible break	No
Mechanical durability	6000 cycles conforming to IEC 60947-3

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

Electrical durability	1000 cycles 440 V AC 50/60 Hz according to IEC 60947-3
Connection pitch	115 mm
Height	327 mm
Width	280 mm
Depth	147 mm
Product weight	18 kg
Compatibility code	NS1600

Environment

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

Contractual warranty

Warranty period	18 months
-----------------	-----------