

Product data sheet

Characteristics

33458

basic switch disconnector, Compact NS1600 NA, withdrawable, electrically operated, 1600 A, 690 VAC 50/60 Hz, 3 poles



Main

Product name	ComPact NS
Device short name	Compact NS1600 NA
Product or component type	Switch disconnector
Device application	Distribution
Offer type	C4
Poles description	3P
Network type	AC
Performance level	NA
Suitability for isolation	Yes conforming to IEC 60947-3

Complementary

Network frequency	50/60 Hz
Control type	Motor mechanism with external connector Motor mechanism
Mounting mode	Drawout
Mounting support	Chassis
[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	1000 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	1600 A at 60 °C
[Icw] rated short-time withstand current	25 kA during 0.5 s conforming to IEC 60947-3 4 kA during 20 s conforming to IEC 60947-3
[Icm] rated short-circuit making capacity	52 kA 690 V AC at 50/60 Hz
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-3
Contact position indicator	Yes
Visible break	No
Mechanical durability	6000 cycles conforming to IEC 60947-3
Electrical durability	1000 cycles 440 V AC 50/60 Hz conforming to IEC 60947-3
Connection pitch	115 mm
Height	327 mm
Width	210 mm
Depth	147 mm
Net weight	14 kg

Environment

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

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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	15.077 kg
Package 1 Height	36 cm
Package 1 width	23 cm
Package 1 Length	39 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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