

Product data sheet

Characteristics

C40H4

Circuit breaker basic frame, ComPacT
NSX400H, 70kA/415VAC, 4 poles, 400A frame
rating, without trip unit



Main

Range	ComPacT new generation
Product name	ComPacT NSX new generation
Device short name	NSX400H
Product or component type	Basic frame
Device application	Distribution
Poles description	4P
Neutral position	Left
[In] rated current	400 A at 40 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
Network type	AC
Network frequency	50/60 Hz
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
[Icu] rated ultimate short-circuit breaking capacity	85 KA at 240 V AC 50/60 Hz conforming to UL 508 65 KA at 480 V AC 50/60 Hz conforming to UL 508 100 KA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 35 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 50 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 65 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 70 KA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 20 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 UL 508
Performance level	H 70 kA 415 V AC
Control type	Toggle
Mounting mode	Fixed

Complementary

[Ui] rated insulation voltage	800 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
[Ics] rated service short-circuit breaking capacity	11 KA at 525 V AC 50/60 Hz conforming to IEC 60947-2 10 KA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 100 KA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 50 KA at 500 V AC 50/60 Hz conforming to IEC 60947-2 65 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 70 KA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2
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 3000 Cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2 6000 Cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 6000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2
Mounting support	Backplate
Upside connection	Front
Downside connection	Front

Connection pitch	45 mm
Protection type	Without protection
Width (W)	185 mm
Height (H)	255 mm
Depth (D)	110 mm

Environment

Standards	EN/IEC 60947-2 UL 508
Product certifications	UL CSA
Pollution degree	3 conforming to IEC 60664-1
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
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
Package 1 Height	15.200 cm
Package 1 Width	20.100 cm
Package 1 Length	29.200 cm
Package 1 Weight	5.888 kg
Unit Type of Package 2	P12
Number of Units in Package 2	28
Package 2 Height	43.500 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	179.000 kg

Offer Sustainability

REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Halogen content performance	Halogen free plastic parts product