C40F3

Circuit breaker basic frame, ComPacT NSX400F, 36kA/415VAC, 3 poles, 400A frame rating, without trip unit





Main

Range	ComPacT new generation
Product name	ComPacT NSX new generation
Device short name	NSX400F
Product or component type	Basic frame
Device application	Distribution
Poles description	3P
[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
[lcu] rated ultimate short-circuit breaking capacity	85 KA at 240 V AC 50/60 Hz conforming to UL 508 25 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 380/415 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 40 KA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 35 KA at 480 V AC 50/60 Hz conforming to UL 508 20 KA at 600 V AC 50/60 Hz conforming to UL 508 20 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 30 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2
Performance level	F 36 kA 415 V AC
Control type	Toggle
Mounting mode	Fixed

Complementary

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
[lcs] rated service short-circuit breaking capacity	36 KA at 380/415 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 40 KA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 10 KA at 525 V AC 50/60 Hz conforming to IEC 60947-2 25 KA at 500 V AC 50/60 Hz conforming to IEC 60947-2 30 kA at 440 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

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 inherent or and is not to be used for determining suitability or inhability of these products for specific user applications. It is the dourn aren in 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.

Width (W)	140 mm	
Height (H)	255 mm	
Depth (D)	110 mm	

Environment

Standards	EN/IEC 60947-2 UL 508
Product certifications	UL[RETURN]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	-2570 °C
Ambient air temperature for storage	-5085 °C

Packing Units

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Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	15.100 cm
Package 1 Width	15.700 cm
Package 1 Length	29.100 cm
Package 1 Weight	4.447 kg
Unit Type of Package 2	P12
Number of Units in Package 2	36
Package 2 Height	42.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	176.000 kg

Offer Sustainability

Sustainable offer status REACh Regulation EU RoHS Directive Compliant with Exemptions Mercury free Yes China RoHS Regulation RoHS exemption information Environmental Disclosure Circularity Profile Halogen content performance Green Premium product REACh Declaration Compliant with Exemptions Yes China RoHS Declaration Froduct Environmental Profile Find Of Life Information Halogen free plastic parts product	Offer Sustainability	
EU RoHS Directive Compliant with Exemptions Mercury free Yes China RoHS Regulation RoHS exemption information Environmental Disclosure Circularity Profile End Of Life Information	Sustainable offer status	Green Premium product
Mercury free China RoHS Regulation RoHS exemption information Environmental Disclosure Circularity Profile Yes China RoHS Declaration Product Environmental Profile End Of Life Information	REACh Regulation	REACh Declaration
China RoHS Regulation RoHS exemption information Environmental Disclosure Circularity Profile Circularity Profile	EU RoHS Directive	Compliant with Exemptions
RoHS exemption information Environmental Disclosure Environmental Profile Circularity Profile End Of Life Information	Mercury free	Yes
Environmental Disclosure Environmental Disclosure Product Environmental Profile Circularity Profile End Of Life Information	China RoHS Regulation	☑ China RoHS Declaration
Circularity Profile Circularity Profile Life Information	RoHS exemption information	Ğ Yes
End Of Life Information	Environmental Disclosure	☑ Product Environmental Profile
Halogen content performance Halogen free plastic parts product	Circularity Profile	End Of Life Information
	Halogen content performance	Halogen free plastic parts product

