

Circuit breaker frame, ComPacT NS800H, 70kA at 415VAC, 800A, 3P, fixed, manually operated, without control unit

C080H3FM

EAN Code: 3606482237926

Main

Range	ComPacT	
Range of product	ComPacT NS630b1600 new generation	
Product or component type	Basic frame	
Device application	Distribution	
Number of poles	3P	
[In] rated current	800 A at 50 °C	
[Ue] rated operational voltage	690 V AC 50/60 Hz	
Network type	AC	
Network frequency	50/60 Hz	
Suitability for isolation	Yes conforming to EN/IEC 60947-2	
Utilisation category	Category B	
[Icu] rated ultimate short-circuit breaking capacity	85 kA Icu at 220/240 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 65 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 42 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2	
Performance level	H 70 kA 415 V AC	
control type	Manually operated	
Mounting mode	Fixed	

Complementary

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[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	50 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 30 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2	
[Icw] rated short-time withstand current	19.2 kA 1 s conforming to IEC 60947-2	
Integral instant protection	40 kA	
Mechanical durability	10000 cycles conforming to IEC 60947-2	
Electrical durability	2000 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2 4000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2 5000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 6000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2	
Power losses	15 W	

Mounting support	Backplate	
Connection pitch	70 mm	
Protection type	Without protection	
Height (H)	327 mm	
Width (W)	210 mm	
Depth (D)	147 mm	

Environment

Standards	IEC 60947-2	
Product certifications	IECEE CB Scheme	
Pollution degree	3 conforming to IEC 60947	
IP degree of protection	IP40 conforming to IEC 60529	
IK degree of protection	IK07 conforming to EN 50102	
Ambient air temperature for operation	-2570 °C	
Ambient air temperature for storage	-5085 °C	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.0 cm
Package 1 Width	1.0 cm
Package 1 Length	2.0 cm
Package 1 Weight	10.0 g

Logistical informations

Country of origin IT

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

∇ Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	494
Environmental Disclosure	Product Environmental Profile

Use Better

⊗ Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	76c2e213-3b51-4d8b-afdf-632ded42d731
REACh Regulation	REACh Declaration
Halogen content performance	Product contains halogen above thresholds
PVC free	Yes
Silicon free	No

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins