





Principal

Gama	Compact
Product name	Compact NSX
Tipo de producto o componente	Circuit breaker
Device short name	Compact NSX100F
Aplicación de dispositivo	Distribution
Poles description	3P
Protected poles description	3t
Tipo de red	AC
Frecuencia de red	50/60 Hz
[In] rated current	100 A (40 °C)
[Ui] rated insulation voltage	800 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ue] tensión de funcionamiento nominal	690 V AC 50/60 Hz
Breaking capacity code	F
Breaking capacity	8 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 22 kA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 35 kA Icu a 440 V AC 50/60 Hz conforme a IEC 60947-2 36 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 85 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 10 kA a 600 V AC 50/60 Hz conforme a UL 508 25 kA at 480 V AC 50/60 Hz conforming to UL 508 85 kA at 240 V AC 50/60 Hz conforming to UL 508
[Ics] rated service breaking capacity	Ics 11 kA 525 V AC 50/60 Hz conforming to IEC 60947-2 Ics 35 kA 440 V AC 50/60 Hz conforme a IEC 60947-2 Ics 36 kA 380/415 V AC 50/60 Hz conforme a IEC 60947-2 Ics 4 kA 660/690 V AC 50/60 Hz conforming to IEC 60947-2 Ics 85 kA 220/240 V AC 50/60 Hz conforme a IEC 60947-2 Ics 12.5 kA 500 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN 60947-2 Yes conforming to IEC 60947-2
Categoría de empleo	Category A
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit protection functions	LI
Trip unit rating	100 A (40 °C)
Tipo de proteccion	Overload protection (thermal) Short-circuit protection (magnetic)
Pollution degree	3 conforming to IEC 60664-1

Complementos

Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Auxiliary contact composition	Without
Mechanical durability	50000 Ciclos
Durabilidad eléctrica	10000 cycles 690 V In conforming to IEC 60947-2 20000 cycles 690 V In/2 conforming to IEC 60947-2 30000 cycles 440 V In conforming to IEC 60947-2 50000 cycles 440 V In/2 conforming to IEC 60947-2
Connection pitch	35 mm
Señalizaciones en local	Positive contact indication
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
[tr] long-time delay adjustment range	15 s 6 x Ir 120...400 s 1.5 x In
Short-time pick-up adjustment type Isd	Fixed
[Isd] short-time pick-up adjustment range	800 A
Short-time delay adjustment type	Fixed
Altura	161 mm
Anchura	105 mm
Profundidad	86 mm
Peso del producto	2.05 kg

Ambiente

Electrical shock protection class	Class II
Normas	UL 508 EN 60947-2 IEC 60947-2
Certificaciones de producto	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
Temperatura ambiente de trabajo	-35...70 °C
Temperatura ambiente de almacenamiento	-55...85 °C

Oferta sustentable

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0819 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Manual De Gestión Residuos
Product end of life instructions	Available

Garantía contractual

Warranty period	18 months
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