# C16F3TM160

Circuit breaker ComPacT NSX160F, 36kA at 415VAC, TMD trip unit 100A, 3 poles 3d





#### Main

Product name ComPacT NSX new generation  Device short name NSX160F  Product or component type  Device application Distribution  Poles description 3P  Protected poles description  [In] rated current 160 A at 40 °C  [Ue] rated operational voltage Network type AC  Network type AC  Network frequency 50/60 Hz  Suitability for isolation Yes conforming to EN/IEC 60947-2  Utilization category Category A  [Icu] rated ultimate short-circuit breaking capacity 35 KA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2  35 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2  22 KA Icu at 420 V AC 50/60 Hz conforming to IEC 60947-2  36 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2  37 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 4525 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  39 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 525 V	Range	ComPacT new generation
Product or component type  Device application  Poles description  [In] rated current  [Ue] rated operational voltage  Network type  AC  Network frequency  Suitability for isolation  Utilisation category  [Icu] rated ultimate short-circuit breaking capacity  Fa KA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2  35 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2  36 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2  37 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  39 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  39 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 640 V AC 50/60 Hz conforming to IEC 60947-2  30 KA	Product name	ComPacT NSX new generation
type  Device application  Poles description  [In] rated current  [Iue] rated operational voltage  Network type  AC  Network frequency  Suitability for isolation  Utilisation category  [Icu] rated ultimate short-circuit breaking capacity  Sapacity  Sapacity  Sapacity  Tip unit name  TM-D  Trip unit protection functions  Test Add to C  Distribution  Distribution  Distribution  Distribution  Distribution  Distribution  AP  Distribution  AP  AD  Distribution  Distribution  AP  AD  AD  AD  AD  AD  AD  AD  AD  AC  Network type  AC  Network frequency  50/60 Hz  Category A  Sa KA Icu at 220/240 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  30 KA Icu at 440 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  35 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  35 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  35 KA 1cu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  35 KA 1cu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  35 KA 1cu at 525 V AC 50/60 Hz conforming to IEC 60947-2  Trip unit name  TM-D  Trip unit protection functions  Control type  Toggle  Circuit breaker  Tip unit protection functions  Fixed	Device short name	NSX160F
Poles description Protected poles description  [In] rated current [Ue] rated operational voltage Network type AC Network frequency Suitability for isolation  Utilisation category  [Icu] rated ultimate short-circuit breaking capacity  AS KA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2  35 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2  35 KA Icu at 500 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  23 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  35 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  35 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2  35 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2  35 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2  35 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  35 KA 4t 480 V AC 50/60 Hz conforming to IEC 60947-2  37 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2  39 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 660/690 V AC 50/60 Hz conforming to I	•	Circuit breaker
Protected poles description  [In] rated current 160 A at 40 °C  [Ue] rated operational voltage 8  Network type AC  Network frequency 50/60 Hz  Suitability for isolation Yes conforming to EN/IEC 60947-2  [Icu] rated ultimate short-circuit breaking capacity 85 KA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2  35 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2  35 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2  36 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2  27 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  28 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  35 KA at 480 V AC 50/60 Hz conforming to IEC 60947-2  35 KA at 480 V AC 50/60 Hz conforming to IEC 60947-2  36 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  37 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2  39 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  30 KA 1 Cu at 500/60 Hz conforming to IEC 60947-2  30 KA 1 Cu at 500/60 Hz conforming to IEC 60947-2  30 KA 1 Cu at 500/60 Hz conforming to IEC 60947-2  30 KA 1 Cu at 500/60 Hz conforming to IEC 60947-2  30 KA 1 Cu at 500/60 Hz conforming to IEC 60947-2  30 KA 1 Cu at 500/60 Hz conforming to IEC 60947-2  30 KA 1 Cu at 500/60 Hz conforming to IEC 60947-2  30 KA 1 Cu at 500/60 Hz conforming to IEC 60947-2  30 KA 1 Cu at 500/60 Hz conforming to IEC 60947-2  30 KA 1 Cu at 500/60 Hz conforming to IEC 60947-2  30 KA 1 Cu at 500/60 Hz conforming to IEC 60947-2  30 KA 1 Cu at 500/60 Hz conforming to IEC 60947-2  30 KA 1 Cu at 500/60 Hz conforming to IEC 60947-2  30 KA 1 Cu at 500/60 Hz conforming to IEC 60947-2  30 KA Icu at 600/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 600/690 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 500 V AC 50	Device application	Distribution
description  [In] rated current  [Ue] rated operational voltage  Network type  AC  Network frequency  Suitability for isolation  Utilisation category  [Icu] rated ultimate short-circuit breaking capacity  AS KA Icu at 220/240 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  35 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 525 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  35 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  35 KA Icu at 660/690 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  35 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  35 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  37 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  39 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  35 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  35 KA 4480 V AC 50/60 Hz conforming to IEC 60947-2  35 KA 4480 V AC 50/60 Hz conforming to IEC 60947-2  35 KA 100 at 525 V AC 50/60 Hz conforming to IEC 60947-2  35 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  35 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  36 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  37 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  37 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  37 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  39 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu a	Poles description	3P
[Ue] rated operational voltage  Network type  AC  Network frequency  Suitability for isolation  Ves conforming to EN/IEC 60947-2  Utilisation category  [Icu] rated ultimate short-circuit breaking capacity  AS KA Icu at 220/240 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  35 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 500 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  38 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 600/690 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 600/690 V AC 50/60 Hz conforming to IEC 60947-2  38 KA Icu at 600/690 V AC 50/60 Hz conforming to IEC 60947-2  Trip unit name  TM-D  Trip unit technology  Thermal-magnetic  LI  Trip unit protection functions  Control type  Toggle  Circuit breaker  Fixed	•	3D
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 Icu at 220/240 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  35 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 500 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  8 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  35 kA at 480 V AC 50/60 Hz conforming to IEC 60947-2  35 kA at 480 V AC 50/60 Hz conforming to IEC 60947-2  Trip unit name TM-D  Trip unit technology Thermal-magnetic  Trip unit protection functions  Control type Toggle  Circuit breaker Fixed	[In] rated current	160 A at 40 °C
Network frequency  Suitability for isolation  Ves conforming to EN/IEC 60947-2  Utilisation category  [Icu] rated ultimate short-circuit breaking capacity  SE KA Icu at 220/240 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  35 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2  30 KA Icu at 500 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  8 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  8 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2  35 KA at 480 V AC 50/60 Hz conforming to IEC 60947-2  Trip unit name  TM-D  Trip unit technology  Thermal-magnetic  Trip unit protection functions  Control type  Toggle  Circuit breaker  Tigunit protection Fixed		690 V AC 50/60 Hz
Suitability for isolation  Ves conforming to EN/IEC 60947-2  Utilisation category  [Icu] rated ultimate short-circuit breaking capacity  85 KA Icu at 220/240 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 35 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 500 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 8 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 35 kA at 480 V AC 50/60 Hz conforming to IEC 60947-2 35 kA at 480 V AC 50/60 Hz conforming to IEC 60947-2 Trip unit name  TM-D  Trip unit technology  Thermal-magnetic  Trip unit protection functions  Control type  Toggle  Circuit breaker  Tissed	Network type	AC
Utilisation category  [Icu] rated ultimate short-circuit breaking capacity  85 KA Icu at 220/240 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 35 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 500 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 8 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 35 KA at 480 V AC 50/60 Hz conforming to IEC 60947-2 Trip unit name  TM-D  Trip unit technology  Thermal-magnetic  Trip unit protection functions  Control type  Toggle  Circuit breaker  Tipunit rechability AC 50/60 Hz conforming to UL 508	Network frequency	50/60 Hz
[Icu] rated ultimate short-circuit breaking capacity  85 KA Icu at 220/240 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 35 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 500 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 8 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 35 KA at 480 V AC 50/60 Hz conforming to IEC 60947-2 35 KA at 480 V AC 50/60 Hz conforming to UL 508  Performance level F 36 kA 415 V AC  Trip unit name  TM-D  Trip unit protection Interception functions  Control type  Toggle  Circuit breaker  Fixed	Suitability for isolation	Yes conforming to EN/IEC 60947-2
short-circuit breaking capacity  IEC 60947-2 36 KA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 35 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 500 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 8 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 35 kA at 480 V AC 50/60 Hz conforming to IEC 60947-2 35 kA at 480 V AC 50/60 Hz conforming to UL 508  Performance level F 36 kA 415 V AC  Trip unit name TM-D  Trip unit technology Thermal-magnetic  Trip unit protection functions  Control type Toggle  Circuit breaker Fixed	Utilisation category	Category A
Trip unit name TM-D  Trip unit technology Thermal-magnetic  Trip unit protection LI functions  Control type Toggle  Circuit breaker Fixed	short-circuit breaking	IEC 60947-2 36 KA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 35 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 500 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 8 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 35 KA at 480 V AC 50/60 Hz conforming to UL 508
Trip unit technology Thermal-magnetic  Trip unit protection functions  Control type Toggle  Circuit breaker Fixed	Performance level	F 36 kA 415 V AC
Trip unit protection functions  Control type  Circuit breaker  Toggle  Fixed	Trip unit name	TM-D
functions  Control type Toggle  Circuit breaker Fixed	Trip unit technology	Thermal-magnetic
Circuit breaker Fixed		LI
	Control type	Toggle
		Fixed

### Complementary

[Ui] rated insulation voltage	800 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[lcs] rated service short-circuit breaking capacity	85 KA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 36 KA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 35 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 30 KA at 500 V AC 50/60 Hz conforming to IEC 60947-2 22 KA at 525 V AC 50/60 Hz conforming to IEC 60947-2 8 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	40000 cycles
Electrical durability	40000 Cycles at 440 V In/2 20000 Cycles at 440 V In 15000 Cycles at 690 V In/2 7500 cycles at 690 V In
Mounting support	Backplate

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. This documentation is not integrated 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.

Mounting position	Horizontal and vertical
	Flat on the back
Upside connection	Front
Downside connection	Front
Connection pitch	35 mm
Protection type	L : for overload protection (thermal)
	I : for short-circuit protection (magnetic)
Trip unit rating	160 A at 40 °C
Long-time pick-up adjustment type Ir (thermal protection)	Adjustable
[Ir] long-time protection pick-up adjustment range	0.71 x ln
Long-time protection delay adjustment type tr	Fixed
[tr] long-time protection delay adjustment range	120400 S at 1.5 x In
	15 s at 6 x lr
Instantaneous protection pick-up adjustment type li	Fixed
[li] instantaneous protection pick-up adjustment range	1250 A
Earth-leakage protection	Without
Number of slots for electrical auxiliaries	5 slot(s)
Width (W)	105 mm
Height (H)	161 mm
Depth (D)	86 mm
Net weight	2.2 kg

## Environment

Standards	EN/IEC 60947
Product certifications	CCC[RETURN]EAC[RETURN]Marine
Overvoltage category	Class II
Electrical shock protection class	Class II
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
Relative humidity	095 %
Operating altitude	02000 m without derating 2000 m5000 m with derating

# Packing Units

PCE
1
14.0 cm
11.5 cm
19.0 cm
1.83 kg
S03
7
30.0 cm
30.0 cm
40.0 cm
13.198 kg

### Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	☑ REACh Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	₽¥Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
PVC free	Yes