



CIRCUIT BREAKER C16N3TM160

URL:https://www.sxplc.com/circuit-breaker-c16n3tm160

Product data sheet

Product Type Circuit Breaker Application Power Distribution Protection Number of Poles 3P Description of protection poles 3D Rated current [In] 160 A at ... up 40 °C Rated operating voltage [Ue] 690 V AC 50/60 Hz Grid type AC Grid frequency 50/60 Hz Isolation function Applicable Conforms to TM-D

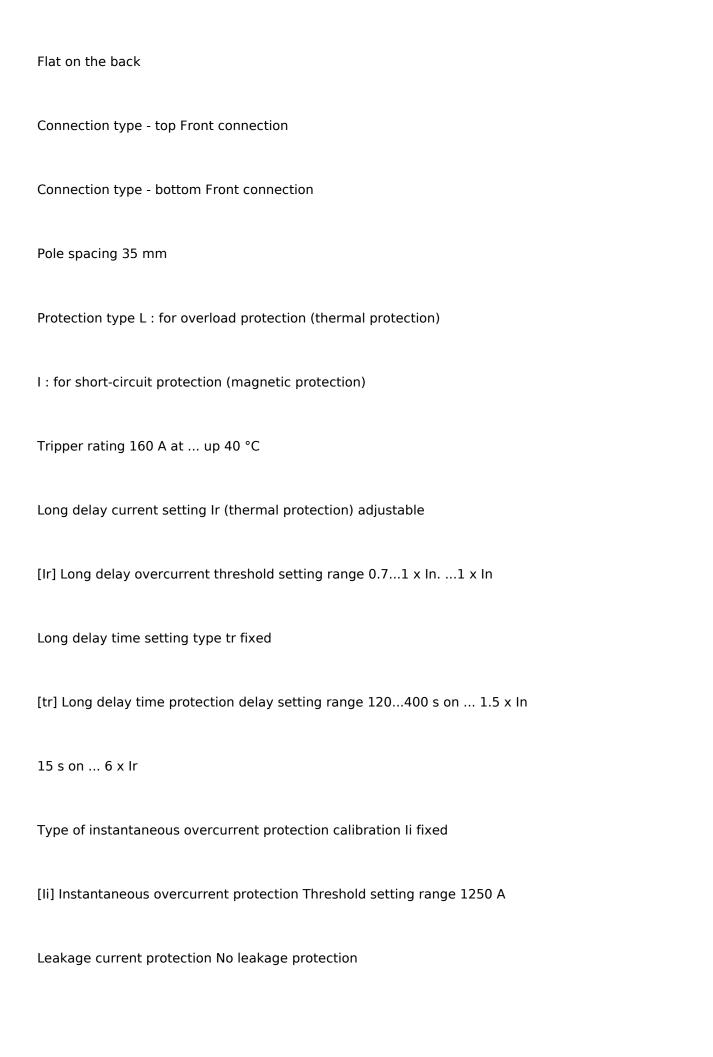
Class of use AC

[Icu] Rated ultimate short-circuit breaking capacity 90 kA Icu on 220/240 V AC 50/60 Hz in accordance
with IEC 60947-2
50 kA Icu on 380/415 V AC 50/60 Hz in accordance with IEC 60947-2
50 kA Icu on 440 V AC 50/60 Hz in accordance with IEC 60947-2
36 kA Icu on 500 V AC 50/60 Hz in accordance with IEC 60947-2
35 kA Icu on 525 V AC 50/60 Hz in accordance with IEC 60947-2
33 KA ICU OIT 323 V AC 30/00 TIZ III UCCOTUUTICE WICH IEC 00347 Z
10 kA Icu on 660/690 V AC 50/60 Hz in accordance with IEC 60947-2
Breaking capacity N 50 kA 415 V AC
Name of disconnector TM-D
Type of release Thermo-magnetic
Function LI
Type of control Handle
Circuit breaker mounting type Fixed
Additional Information
Rated insulation voltage [Ui] 800 V AC 50/60 Hz

Rated impulse withstand \	voltage	[Uimp]	8 k	V
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Mounting position Horizontal and vertical

Rated operational short-circuit breaking capacity [Ics] 90 kA at ... 220/240 V AC 50/60 Hz in accordance with IEC 60947-2 50 kA at ... 380/415 V AC 50/60 Hz in accordance with IEC 60947-2 50 kA on ... 440 V AC 50/60 Hz in accordance with IEC 60947-2 36 kA at ... 500 V AC 50/60 Hz in accordance with IEC 60947-2 35 kA at ... 525 V AC 50/60 Hz in accordance with IEC 60947-2 10 kA on ... 660/690 V AC 50/60 Hz in accordance with IEC 60947-2 Mechanical life 40000 Electrical life 40000 cycles on 440 V In/2 20000 cycles 440 V In on 15000 cycles 690 V In/2 on 7500 cycles 690 V In on ... Power consumption 13.95 W per pole Mounting method Base plate mounting





Operating temperature -25...70 °C

Storage ambient temperature -50...85 °C

Relative humidity 0...95 %

Operating altitude 0... .2000 m .2000 m without degradation

2000 m... .5000 m with reduced capacity

