

Circuit breaker C10F3MA007

URL:<https://www.sxplc.com/circuit-breaker-c10f3ma007>

Product data sheet

Device application Motor protection

poles description 3P

Protected poles description 3D

[In] rated current 6.3 A at 65 °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 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

25 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

Performance level F 36 kA 415 V AC

Trip unit name MA

Trip unit technology Magnetic

Trip unit protection functions I

Control type Toggle

Circuit breaker mounting mode Fixed

Complementary

[Ui] rated insulation voltage 800 V AC 50/60 Hz

[Uimp] rated impulse withstand

voltage

8 kV

[Ics] 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

12 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2

11 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2

4 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2

Mechanical durability 50000 cycles

Electrical durability 50000 cycles at 440 V In/2

30000 cycles at 440 V In

20000 cycles at 690 V In/2

10000 cycles at 690 V In

Power dissipation per pole 3.93 W

mounting support Backplate

mounting position Horizontal and vertical

Flat on the back

Upside connection Front

downside connection Front

Connection pitch 35 mm

Protection type I : for short-circuit protection (magnetic)

Trip unit rating 6.3 A at 65 °C

Short-time protection pick-up

adjustment type Isd

Adjustable 9 settings

[Isd] Short-time protection pickup adjustment range

6...14 x In

Instantaneous protection pick-up

adjustment type li

Adjustable 9 settings

[li] instantaneous protection pickup adjustment range

6...14 x In

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

