

# Circuit Breaker A9F18106

URL:<https://www.sxplc.com/circuit-breaker-a9f18106>

## Product data sheet

Number of Poles 1P

Application Power Distribution Protection

Number of protection poles 1

Rated current [In] 6 A at 30 °C on ...

Grid type AC

Type of release Thermo-magnetic

Tripping curve C

Breaking capacity 6 kA Icn at ... 230 V AC 50/60 Hz in accordance with GB/T 10963.1

6 kA Icn on ... 230 V AC 50/60 Hz in accordance with IEC 60898-1

Category of use Class AC

Isolation function Applicable

Additional information

Grid frequency 50/60 Hz

Rated operating voltage [Ue] 230 V AC 50/60 Hz

Magnetic disconnection limit 5.... .10 x I<sub>n</sub>

Current limitation class 3

Rated insulation voltage [Ui] 500 V AC

Rated impulse withstand voltage [Uimp] 6 kV

Contact position indication yes

Type of control Handle

Local signal indication Open/closed indication

Mounting type Locking clip locking

Mounting type DIN rail mounting

Width (multiples of 9 mm) 2

Height 94 mm

Depth 78.5 mm

Net weight 106 g

Mechanical life 20000 cycles

Electrical life 10000 cycles

Wiring capacity Tunnel terminal Upper or lower wire 1...25 mm<sup>2</sup> single hardwire without terminals

Tunnel terminal Upper or lower wire 1...16 mm<sup>2</sup> flexible wire (optional) with or without wire terminals

Stripping length Power circuit: 14 mm

Tightening torque Power supply circuit: 2.5 N.m.

Leakage current protection (required)

