



## **BREAKER CIRCUIT S203-C40**

URL:<https://www.sxplc.com/breaker-circuit-s203-c40>

### **Product data sheet**

Technical Parameters

Standard: IEC/EN 60898-1

IEC/EN 60898-1

IEC/EN 60947-2

UL 1077

Tripping Characteristics

C

Rated operating voltage: acc. to IEC 60898-1 400 V AC

acc. to IEC 60898-1 400 V AC

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acc. to IEC 60947-2 440 V AC

Operating voltage: Maximum (Incl. Tolerance)

Maximum (Incl. Tolerance) 440 V AC

Minimum 12 V AC

Minimum 12 V DC

Rated insulation voltage (Ui).

acc. to IEC/EN 60664-1 440 V

Rated impulse withstand voltage (Uimp):

4 kV

at 2000 m 5 kV

at Sea Level 6.2 kV

Dielectric test voltage: 50/60 Hz, 1 min

50/60 Hz, 1 min: 2 kV

Input voltage type: AC/DC

AC/DC

Rated current (I<sub>n</sub>):

40 A

Rated short-circuit capacity:

(AC) 6 kA

(DC) 6 kA

(400 V AC) 6 kA

(400 V) 6 kA

Rated ultimate short-circuit breaking capacity (I<sub>cu</sub>).

(230 V AC) 20 kA

(400 V AC) 10 kA

(440 V AC) 10 kA

(230 V) 20 kA

(400 V) 10 kA

Rated limit short-circuit current (I<sub>nc</sub>).

(230 V) 20 kA

(400 V) 20 kA

Rated service short-circuit breaking capacity (Ics):

(230 V AC) 15 kA

(400 V AC) 7.5 kA

(440 V AC) 7.5 kA

Frequency (f):

50 Hz

Rated frequency (f).

50 / 60 Hz

Power loss:

14.4 W

at Rated Operating Conditions per Pole 4.8 W

Inlet method:

Arbitrary

Contact position indication

Red ON / Green OFF

Energy Limit Class: 3.0

3

Electrical Durability:

10000 AC cycle

Mechanical life:

20000 cycles

Number of protection poles

3

Number of poles:

3

Over-voltage category:

III

Tightening torque:

2.8 N-m

Mounting type:

DIN-Rail

Screw terminal type:

Failsafe Bi-directional Cylinder-lift Terminal

Drive Marking:

I / O

Driver Material:

Insulation Group II, Black, Sealable

Housing material:

Insulation Group II, RAL 7035

Mounting on DIN rail:

TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715

TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715

Mounting position.

any

Recommended screwdriver.

Pozidriv 2

Accessories Available.

Yes

Connection capacity

Busbar 10 / 10 mm<sup>2</sup>

Flexible with Ferrule 0.75 ... 25 mm<sup>2</sup>

Flexible 0.75 ... 25 mm<sup>2</sup>

Rigid 0.75 ... 35 mm<sup>2</sup>

Rigid 0.75 ... 35 mm<sup>2</sup> Rigid 0.75 ... 35 mm<sup>2</sup> Rigid 0.75 ...

Stranded 0.75 ... 35 mm<sup>2</sup>

Mounting hole dimensions.

acc. to DIN 43880 1

Stripped wire length:

12.5 mm

Terminal type:

Screw Terminals

Width (number of modular shims).

3.0

Net width of product.

52.5 mm

Net height:

88 mm

Net Depth:

69 mm

Net Weight:

0.375 kg

Pole net weight:

0.125 kg



Inner depth (t2):

69 mm

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