



## **CIRCUIT BREAKER 1SDA068770R1, A1C 125 TMF 63-630 3P FF**

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

[breaker-1sda068770r1-a1c-125-tmf-63-630-3p-ff](https://www.sxplc.com/circuit-breaker-1sda068770r1-a1c-125-tmf-63-630-3p-ff)

### **Product data sheet**

Dimension

Product net width.

76.2 mm

Net height:

130 mm

Net Depth:

60 mm

Net weight:

0.79 kg

Electrical life:

1500 cycles

Mechanical life:

Nr. Operations 8500 cycles

Number of poles:

3

Total disconnection time

CB with SOR 15 ms

CB with UVR 15 ms

Power Loss: 6 W at Rated Operating Conditions per Pole

at Rated Operating Conditions per Pole 6 W

Rated Current (In): Main Circuit 63 A

Main Circuit 63 A

Rated Impulse Withstand Voltage (Uimp):

6 kV

Rated insulation voltage (Ui):

690 V

Rated operating voltage:

550 V AC

250 V DC

Rated service short-circuit breaking capacity (Ics).

(240 V AC) 15 kA

(380 V AC) 12.5 kA

(415 V AC) 6.25 kA

(440 V AC) 5 kA

(480 V AC) 4 kA

(500 V AC) 2.5 kA

(250 V DC) 2 Poles in Series 5 kA

Rated ultimate short-circuit breaking capacity (Icu).

(240 V AC) 30 kA

(380 V AC) 25 kA

(415 V AC) 25 kA

(440 V AC) 20 kA

(480 V AC) 15 kA

(500 V AC) 8 kA

(250 V DC) 10 kA

Rated continuous current (I<sub>u</sub>).

125 A

Tripper:

TMF

Tripper type:

TMF

Short Circuit Performance Rating:

C

Standard:

IEC

Shell frame class:

A1

Terminal Connection Type:

Front

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