



## **Breaker 1SDA072723R1 E1B 800 D LSIG 4P WMP NST**

URL:<https://www.sxplc.com/breaker-1sda072723r1-e1b-800-d-lsig-4p-wmp-nst>

### **Product data sheet**

Current Type:

AC

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Electrical Durability:

$U_e \leq 440 \text{ V}$  8000 cycle

$U_e = 500 \dots 690 \text{ V}$  8000 cycle

30 cycles per hour

Mechanical Durability:

20000 cycle

60 cycles per hour



Neutral Pole Current ([%lu]):

100 %



Number of Poles:

4



Power Loss:

100 W



Rated Current ( $I_n$ ):

800 A

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Rated Impulse Withstand Voltage ( $U_{imp}$ ):

acc. to IEC 60947-2 12 kV

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Rated Insulation Voltage ( $U_i$ ):

AC 1000 V

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Rated Operational Voltage:

690 V AC

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Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ ):



(220 V AC) 42 kA

(230 V AC) 42 kA

(380 V AC) 42 kA

(400 V AC) 42 kA

(415 V AC) 42 kA

(440 V AC) 42 kA

(500 V AC) 42 kA

(660 V AC) 42 kA

(690 V AC) 42 kA



Rated Service Short-Circuit Breaking Capacity, in % of  $I_{cu}$  ( $I_{cs}$ ):

100 %

Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ ):

for 1 s 42 kA

for 3 s 24 kA

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Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ):

(400 V AC) 42 kA

(415 V AC) 42 kA

(440 V AC) 42 kA

(500 V AC) 42 kA

(525 V AC) 42 kA

(690 V AC) 42 kA

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Rated Uninterrupted Current ( $I_u$ ):

800 A

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Rated Voltage (Ur):

690 V

Release:

Ekip Dip LSIG

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Release Type:

EL

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Short-Circuit Performance Level:

B

Standards:

IEC

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Sub-type:

E1.2

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