



**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

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

Rated Impulse Withstand Voltage (U_{imp}):

acc. to IEC 60947-2 12 kV

Rated Insulation Voltage (U_i):

AC 1000 V

Rated Operational Voltage:

690 V AC

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

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

Rated Uninterrupted Current (I_u):

800 A

Rated Voltage (Ur):

690 V

Release:

Ekip Dip LSIG

Release Type:

EL

Short-Circuit Performance Level:

B



Standards:

IEC

Sub-type:

E1.2

