

Switch disconnectors GA040 A

URL:https://www.sxplc.com/index.php?route=product/product&product_id=6389

Product data sheet

Contact characteristics

IEC Conventional free air thermal current I_{th} A 40

Rated insulation voltage U_i IEC/EN V 1000

Rated impulse withstand voltage U_{imp} kV 8

Operating current I_e

AC21A

400V A 40

500V A 40

690V A 40

AC22A

400V A 40

500V A 40

690V A 40

AC23A

400V A 40

500V A 25

690V A 25

Power dissipation per pole max W 1

Rated operational power AC23A

400V kW 18.5

690V kW 22

Rated short time current (1s) I_{cw} (rms) kA 0.8

Conditional short-circuit current (rms) kA 10

Short-circuit protection with fuse Class/A gG40

Making capacity AC23A 400V A 400

Breaking capacity AC23A 400V A 320

Mechanical life cycles 100000

Electrical life AC21A cycles 100000

Mechanical features

Operating position

normal Vertical plan

allowable Any

Fixing Screw / DIN rail 35mm

Terminals

type Pillar

width mm 5.6

height mm 6.5

screw M4

tool Phillips 2

Tightening torque for terminals

min Nm 1.8

max Nm 2

min Ibin 16

max Ibin 18

Conductor section

IEC min mm² 0.75

IEC max mm² 16

AWG/kcmil min 18

AWG/kcmil max 6

UL technical data

UL Standard UL60947-4-1

General purpose current rating A 40

Operating voltage max V 600

Horsepower/FLA current three phase motor

240V HP 15/42

480V HP 20/27

600V HP 25/27

Short circuit rating kA rms 5

Short circuit rating with fuse Class/A RK5/4

