

27003100

AC Load break switch SIRCO 3P 1000A direct or external operation



Strong points

- Reliability and performance
- Safety of property and personnel
- Simplicity

General characteristics

Double positive break indication given by a position indicator located directly on the product

Used of glass fiber reinforced polyester for both high mechanical and thermal resistance

Make and break under load conditions to provide safety of person and equipment

Large range of connection accessories and mounting brackets for quick and easy installation

Compliance with standards

UL98,
CSA-C22.2 No.4,
Guide WHTY,
File E201138

CSA 22.2 No.4,
Class 4651-02,
File 112964

IEC 60947-3

Link to the reference

<https://www.socomec.us/en-us/reference/27003100>

SIRCO non-fusible disconnect switches are heavy-duty switches that break and make power circuits on and off-load conditions and provide safe isolation. These switches are extremely durable and are tested and approved for use in the most demanding applications.

----- System -----

Fill rate E-Order Common	100
Fill rate E-Order Selection	78

Certificates and Declaration

Conformity to standard #1	UL98
Conformity to standard #2	CSA-C22.2 No. 4
Conformity to standard #3	IEC 60947-3
Proposition 65 California	WARNING This product can expose you to chemicals including Styrene, which is known to the State of California to cause cancer. For more information go to: www.P65Warnings.ca.gov

Standards

Conformity to standards	IEC UL
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Certificates and Declaration - Safety

UL file number	E201138
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Technical Characteristics

Control operator	Direct : C2 / External : S4
Number of poles	3
Rated voltage	600 VAC
Rated current [A]	1000
Type	Front operation
Frame size	B7

Technical Characteristics - Connection terminals

Max. connection section / AWG	4x 600MCM
Min. connection section / AWG	4x #2

Technical Characteristics - Environmental

Operating temperature	-4 ... +122°F / -20 ... +50°C
Storage temperature	-40 ... +158°F / -40 ... +70°C

Technical Characteristics - Max. motor HP

FLA 3 ph motor max. / 220-240 VAC	200/480
FLA 3 ph motor max. / 440-480 VAC	500/590
FLA 3 ph motor max. / 600 VAC	500/472

Technical Characteristics - Mechanical

Endurance (number of operating cycles)	3500
Operating torque [lbs.in/Nm]	442.5/50

Technical Characteristics - Short-circuit capacity

Auxiliary contacts / Electrical characteristics	A300
Max fuse rating [A]	1000
Operation voltage 2 P - 3/4 P	600VAC
Short circuit rating at 600 VAC [kA]	100
Type of fuse	L
UL General use rating	1000

ETIM - Electrical characteristics

Max. rated operation voltage Ue AC [V]	600
Rated operating voltage [V]	240..600
Rated permanent current Iu [A]	1000
Rated operation power at AC-23, 400 V [kW]	600
Switching power at 400 V [kW]	600
Number of poles	3
ETIM - Mechanical characteristics	
Suitable for floor mounting	No
Suitable for front mounting 4-hole	Yes
Suitable for front mounting centre	No
Suitable for distribution board installation	No
Suitable for intermediate mounting	Yes
Colour control element	Other
Degree of protection (IP), front side	IP20
ETIM - Technical features	
Version as main switch	Yes
Version as maintenance-/service switch	Yes
Version as safety switch	Yes
Version as emergency stop installation	Yes
Version as reversing switch	No
Number of switches	1
Motor drive optional	No
Motor drive integrated	No
Voltage release optional	No
Device construction	Built-in device fixed built-in technique
Type of control element	Other
Interlockable	Yes
Type of electrical connection of main circuit	Bolt connection
Logistics	
GTIN/EAN	3596031135684
Customs number	8536508090
Price unit	PC
Weight of the packing unit	11.43
Length of the packing unit	0.295
Width of the packing unit	0.415
Depth of the packing unit	0.54
Product Details	
Effective date	1998-06-11
Country of origin	FR
Discount Policy	1CA82
Discount Policy Label	SIRCO UL
Length of the product unit	0.46
Width of the product unit	0.372
Depth of the product unit	0.14
Weight	11.43
Classification	
UNSPSC	39122233
ETIM Class	EC000216
IGCC	5290