

27003080

AC Load break switch SIRCO 3P 800A 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

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.

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

Environmental Sustainability

PEP Filename	SOCO-00073-V01.01-EN.pdf
Climate change - Total - Cradle to Grave [kg CO ₂ eq.]	2051
Climate change - Total - Cradle to Gate [kg CO ₂ eq.]	71

Standards

Conformity to standards	IEC UL
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Certificates and Declaration - Safety

UL file number	E201138
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Technical Characteristics

Length of the product unit [mm]	460
Width of the product unit [mm]	372
Depth of the product unit [mm]	140
Weight [kg]	11.43
Control operator	Direct : C2 / External : S4
Number of poles	3
Rated voltage	600 VAC
Rated current [A]	800
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 [Hp/A]	200/480
FLA 3 ph motor max. / 440-480 VAC [Hp/A]	500/590
FLA 3 ph motor max. / 600 VAC [Hp/A]	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]	800
Operation voltage 2 P - 3/4 P	600VAC
Short circuit rating at 600 VAC [kA]	100
Type of fuse	L
UL General use rating [A]	800
ETIM - Electrical characteristics	
Max. rated operation voltage Ue AC [V]	600
Rated operating voltage [V]	240..600
Rated permanent current Iu [A]	800
Rated operation power at AC-23, 400 V [kW]	475
Switching power at 400 V [kW]	475
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	3596031135677
Customs number	8536508000
Price unit	PC
Weight of the packing unit [kg]	11.623
Length of the packing unit [m]	0.285
Width of the packing unit [m]	0.415
Depth of the packing unit [m]	0.54
Product Details	
Effective date	1998-06-11
Offer Life Cycle Code	40
Country of origin	FR

Classification

UNSPSC	39122233
ETIM Class	EC000216
IGCC	5290