

**27003060**

## AC Load break switch SIRCO 3P 600A 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: <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

### Environmental Sustainability

PEP Filename	SOCO-00073-V01.01-EN.pdf
Climate change - Total - Cradle to Grave [kg CO <sub>2</sub> eq.]	698
Climate change - Total - Cradle to Gate [kg CO <sub>2</sub> eq.]	50

### 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]	320
Width of the product unit [mm]	280
Depth of the product unit [mm]	140
Weight [kg]	8.1
Control operator	Direct : C2 / External : S4
Number of poles	3
Rated voltage	600 VAC
Rated current [A]	600
Type	Front operation
Frame size	B6

### Technical Characteristics - Connection terminals

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

DC FLA motor max. / 125 VDC [Hp/A]	20/148
DC FLA motor max. / 250 VDC [Hp/A]	50/173
FLA 3 ph motor max. / 220-240 VAC [Hp/A]	200/480
FLA 3 ph motor max. / 440-480 VAC [Hp/A]	400/477

FLA 3 ph motor max. / 600 VAC [Hp/A] 350/336

### Technical Characteristics - Mechanical

Endurance (number of operating cycles) 6000  
 Operating torque [lbs.in/Nm] 327.5/37

### Technical Characteristics - Short-circuit capacity

Auxiliary contacts / Electrical characteristics A300  
 Max fuse rating [A] 600  
 Operation voltage 2 P - 3/4 P 600VAC  
 Short circuit rating at 600 VAC [kA] 200  
 Type of fuse J  
 UL General use rating [A] 600

### ETIM - Electrical characteristics

Max. rated operation voltage Ue AC [V] 600  
 Rated operating voltage [V] 240..600  
 Rated permanent current Iu [A] 600  
 Rated operation power at AC-23, 400 V [kW] 375  
 Switching power at 400 V [kW] 375  
 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 3596031135660  
 Customs number 8536508000  
 Price unit PC  
 Weight of the packing unit [kg] 8.231  
 Length of the packing unit [m] 0.403  
 Width of the packing unit [m] 0.305  
 Depth of the packing unit [m] 0.265

### Product Details

Effective date	1998-06-11
Offer Life Cycle Code	40
Country of origin	FR
<b>Classification</b>	
UNSPSC	39122233
ETIM Class	EC000216
IGCC	5290