

27003042

AC Load break switch SIRCO 3P 400A 800VAC direct or external operation

Strong points

- Reliability and performance
- Safety of property and personnel
- Simplicity
- Easy to install

General characteristics

- Positive break indication.
- Fully visualized disconnection.
- High thermal and dynamic withstand.
- Severe utilization categories.
- High electrical and mechanical endurance.

Compliance with standards

- UL 98C Guide WHTY2 File E201138

Link to the reference

SIRCO non-fusible disconnect switches are heavy duty switches that break and make power circuits on and off load and provide safety isolation up to 800 VAC.

These switches are extremely durable and are tested and approved for use in the most demanding applications.

Certificates and Declaration

Conformity to standard #1	UL98C
Proposition 65 California	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	UL
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Certificates and Declaration - Safety

UL file number	E201138
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Technical Characteristics

Number of poles	3
Rated current [A]	400
Type	Front operation
Frame size	B5

Technical Characteristics - Connection terminals

Max. connection section / AWG	2x 350 / 600MCM
Min. connection section / AWG	2x #6 / #4

Technical Characteristics - Environmental

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

Technical Characteristics - Mechanical

Endurance (number of operating cycles)	6000
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Technical Characteristics - Short-circuit capacity

Auxiliary contacts / Electrical characteristics	A300
Max fuse rating [A]	400
Operation voltage 2 P - 3/4 P	800VAC
Short circuit rating at 600 VAC [kA]	65kA (800VAC)
Type of fuse	170M7402
UL General use rating [A]	400

ETIM - Electrical characteristics

Max. rated operation voltage Ue AC [V]	800
Rated operating voltage [V]	400..800
Rated permanent current Iu [A]	400
Rated permanent current at AC-23,400 V [A]	400
Rated permanent current at AC-21,400 V [A]	400
Rated short-time withstand current Icw [kA]	11
Rated operation power at AC-23, 400 V [kW]	220

Switching power at 400 V [kW]	220
Number of poles	3
ETIM - Mechanical characteristics	
Suitable for floor mounting	No
Suitable for front mounting 4-hole	No
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	3596033077838
Customs number	8536508000
Price unit	PC
Weight of the packing unit [kg]	6
Length of the packing unit [m]	0,37
Width of the packing unit [m]	0,44
Depth of the packing unit [m]	0,23
Product Details	
Effective date	2018-10-11
Offer Life Cycle Code	40
Country of origin	FR
Classification	
UNSPSC	39122233
ETIM Class	EC000216
IGCC	5290