

**22053006**

## Universal load break switch SIRCO M 3P 63A toggle switch



### Strong points

- Fully integrated
- A wide range of accessories
- Upgradeability
- Compliance with major certifications and approvals

### General characteristics

Easy integration with a large range of accessories  
 High short circuit current rating, up to 65 kAIC  
 Upgradeability  
 Double positive break indication given by a position indicator located directly on the product  
 Direct or external handle  
 Compact footprint  
 DIN rail or base mounting  
 Up to 8 poles or 4 poles MTS (UL508) or 4 poles (UL98)  
 Finger safe

### Compliance with standards

SIRCO M UL 508:  
 UL 508 listed, Guide NLRV File E173959  
 CSA C22.2§14, class 3211-05 File 112964  
 IEC 60947-3

SIRCO M UL 98:  
 UL98, Guide WHTY File E201138  
 CSA 22.2#4, Class 4652-04 File 703166  
 IEC 60947-3

### Link to the reference

SIRCO M non-fusible disconnect switches are compact switches. They make and break under on and off-load conditions and provide safe isolation. These extremely durable switches are tested and approved for use in the most demanding applications. UL 98 disconnect switches are rated as a branch circuit disconnect switch. They can be used in a variety of applications for general use - range from 30 to 100 A. UL 508 disconnect switches are as a motor-rated disconnect or local disconnect. They can be used as motor controllers - range from 16 to 100 A.

### Certificates and Declaration

Conformity to standard #1	UL508
Conformity to standard #2	CSA-C22.2 No.14
Conformity to standard #3	IEC 60947-3
Conformity to standard #4	Class 3211 05
Proposition 65 California	WARNING This product can expose you to chemicals including Formaldehyde, 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-00095-V01.01-EN.pdf
Climate change - Total - Cradle to Grave [kg CO <sub>2</sub> eq.]	27
Climate change - Total - Cradle to Gate [kg CO <sub>2</sub> eq.]	2

### Standards

Conformity to standards	IEC   UL
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### Certificates and Declaration - Safety

UL file number	E173959
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### Technical Characteristics

Length of the product unit [mm]	76
Width of the product unit [mm]	52.5
Depth of the product unit [mm]	64
Weight [kg]	0.32
Control operator	Toggle
Number of poles	3
Rated voltage	600 VAC
Rated current [A]	63
Type	Toggle
Frame size	M2

### Technical Characteristics - Connection terminals

Max. connection section / AWG	#1 or 2x#6
Min. connection section / AWG	#14 or 2x#12

### 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. / 208 VAC [Hp/A]	15/46.2
FLA 3 ph motor max. / 220-240 VAC [Hp/A]	20/54

FLA 3 ph motor max. / 440-480 VAC [Hp/A]	40/52
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FLA 3 ph motor max. / 600 VAC [Hp/A]	40/41
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### Technical Characteristics - Mechanical

Endurance (number of operating cycles)	10000
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Operating torque [lbs.in/Nm]	8.9/1
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### Technical Characteristics - Short-circuit capacity

Auxiliary contacts / Electrical characteristics	A300
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Max fuse rating [A]	100/60
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Operation voltage 2 P - 3/4 P	600VAC
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Short circuit rating at 600 VAC [kA]	50/65
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Type of fuse	J
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UL General use rating [A]	63
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### ETIM - Electrical characteristics

Max. rated operation voltage Ue AC [V]	690
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Rated operating voltage [V]	400..690
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Rated permanent current Iu [A]	63
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Rated permanent current at AC-23,400 V [A]	63
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Rated permanent current at AC-21,400 V [A]	63
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Rated short-time withstand current Icw [kA]	1.5
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Rated operation power at AC-23, 400 V [kW]	30
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Switching power at 400 V [kW]	30
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Conditioned rated short-circuit current Iq [kA]	50
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Number of poles	3
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### ETIM - Mechanical characteristics

Suitable for floor mounting	No
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Suitable for front mounting 4-hole	No
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Suitable for front mounting centre	No
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Suitable for distribution board installation	Yes
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Suitable for intermediate mounting	Yes
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Colour control element	Black
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Degree of protection (IP), front side	IP20
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### ETIM - Technical features

Version as main switch	Yes
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Version as maintenance-/service switch	Yes
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Version as safety switch	Yes
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Version as emergency stop installation	Yes
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Version as reversing switch	No
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Number of switches	1
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Motor drive optional	No
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Motor drive integrated	No
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Voltage release optional	No
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Device construction	Built-in device fixed built-in technique
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Type of control element	Toggle
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Interlockable	Yes
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Type of electrical connection of main circuit	Screw connection
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### Logistics

GTIN/EAN	3596031825523
Customs number	8536508000
Price unit	PC
Weight of the packing unit [kg]	0.32
Length of the packing unit [m]	0.115
Width of the packing unit [m]	0.065
Depth of the packing unit [m]	0.085
<b>Product Details</b>	
Effective date	2006-04-13
Offer Life Cycle Code	40
Country of origin	CN
<b>Classification</b>	
UNSPSC	39122233
ETIM Class	EC000216
IGCC	5290