

41503011

Manually operated transfer switch body SIRCOVER UL1008 3P 100A

Strong points

- Stable positions
- Compact design
- On-load switching
- Reliability

General characteristics

Three stable positions, not affected by voltage drops or vibrations.
 Back to back switching design offering an extremely compact solution.
 Make and break under load conditions to provide safety of person and equipment.

Compliance with standards

UL 1008, Guide WPYV File E317092
 UL 98, Guide WHTY File E201138
 CSA 22.2#4, Class 4651-02, File 112964

Link to the reference

SIRCOVER are heavy-duty manual transfer switches. They ensure switching transfer of sources or transfer of two low voltage circuits on load as well as their safe disconnection.

These extremely durable switches are tested and approved for use in the most demanding applications, such as resistive load or total system applications.

----- System -----

Fill rate E-Order Common	67
Fill rate E-Order Selection	62

Certificates and Declaration

Conformity to standard #1	UL1008 & UL98
Conformity to standard #2	CSA-C22.2 No. 4 Class 4651-02
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	UL
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Certificates and Declaration - Safety

UL file number	E317092
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Technical Characteristics

Number of poles	3
Rated current [A]	100

Technical Characteristics - Connection terminals

Max. connection section / AWG	300MCM
Min. connection section / AWG	#6

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)	6050
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Technical Characteristics - Short-circuit capacity

Auxiliary contacts / Electrical characteristics	AC300
Max fuse rating [A]	200
Operation voltage 2 P - 3/4 P	240/600
Rated operational current / 240 VAC resistive load	100
Rated operational current / 240 VAC "Total System"	100
Rated operational current / 480 VAC resistive load	100
Rated operational current / 480 VAC "Total System"	100
Rated operational current / 600 VAC resistive load	100
Rated operational current / 600 VAC "Total System"	100
Short circuit rating at 600 VAC with "Any Breaker" (kA) / Short circuit capacity	25
Short circuit rating at 600 VAC with "Any Breaker" (kA) / Short circuit rating	10

<https://www.socomec.us/en-us/reference/41503011>

Short circuit rating at 600 VAC [kA]	100
Type of fuse	J
ETIM - Electrical characteristics	
Max. rated operation voltage Ue AC [V]	600
Rated operating voltage [V]	240..600
Rated permanent current Iu [A]	100
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	Black
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	No
Version as reversing switch	Yes
Number of switches	2
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	Door coupling rotary drive
Interlockable	Yes
Type of electrical connection of main circuit	Bolt connection
Logistics	
GTIN/EAN	3596031981991
Customs number	8536508090
Price unit	PC
Weight of the packing unit	3
Length of the packing unit	0.25
Width of the packing unit	0.38
Depth of the packing unit	0.385
Product Details	
Effective date	2009-11-10
Country of origin	FR
Discount Policy	1CH37
Discount Policy Label	SIRCOVER UL
Length of the product unit	0.135
Width of the product unit	0.244
Depth of the product unit	0.176
Classification	
UNSPSC	39122205
ETIM Class	EC000216
IGCC	5177