

41AC3160

Manual Transfer Switch body SIRCOVER I-0-II 3P 1600A

SIRCOVER products are manually operated transfer switches with positive break indication, for open-transition switching (I-0-II) available in 3 or 4 pole.

They provide on-load transfer between two sources for any low voltage power circuit, as well as safety isolation by double breaking per pole. Other applications include source inversion (e.g. to change the direction of a motor) or grounding/earthing.

Strong points

- A complete range
- Easy to connect
- Stable positions
- On-load switching

General characteristics

- Range from 125A to 3200A.
- Available in 3P or 4P.
- Direct handle or external handle.

Compliance with standards

- IEC 60947-6-1
- IEC 60947-3
- GB/T 14048.11

Link to the reference



<https://emea.socomec.com/en/reference/41AC3160>

Classification

UNSPSC	39122205
ETIM Class	EC000216
IGCC	5177

Commerce

Description	Manually Operated Transfer Switch SIRCOVER, switching type I-0-II, frame B7, 3P 1600A, direct operation with handle type J3 or external operation with handle type S4. Delivered without handle
Effective date	2012-05-04
Offer Life Cycle Code	40
Country of origin	FR

Environmental Sustainability

Climate change - Total - Cradle to Grave [kg CO ₂ eq.]	1104
Climate change - Total - Cradle to Gate [kg CO ₂ eq.]	303
SVHC > 0.1 mass percentage?	No
RoHS applicable?	Yes

ETIM - Electrical characteristics

Max. rated operation voltage Ue AC [V]	1000
Rated operating voltage [V]	400..690
Rated permanent current Iu [A]	1600
Rated permanent current at AC-23,400 V [A]	1250
Rated permanent current at AC-21,400 V [A]	1600
Rated short-time withstand current Icw [kA]	32
Rated operation power at AC-23, 400 V [kW]	710
Switching power at 400 V [kW]	710
Conditioned rated short-circuit current Iq [kA]	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

Width [mm]	478
Height [mm]	258
Depth [mm]	425
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	3596032675707
Customs number	8536508000
Price unit	PC
Weight of the packing unit [kg]	39
Length of the packing unit [m]	0.8
Width of the packing unit [m]	0.6
Depth of the packing unit [m]	0.4
Norms	
Conformity to standards	IEC
Technical Characteristics	
Height [mm]	258
Width [mm]	478
Depth [mm]	425
Weight [kg]	39
Control operator	Manual Direct : J3 / External : S4
Number of poles	3
Rated current [A]	1600
Type	Manual I-0-II
Frame size	B7