

22303008

Manual Transfer Switch body SIRCO M I-0-II 3P 80A



Strong points

- Secured breaking
- Modular product
- On-load switching

General characteristics

- The SIRCO M changeover has 2 methods of operation:
 - > Direct front operation,
 - > External front operation.
- The SIRCO M changeover is available in 3 or 4 poles from 25 to 125 A. It can be combined with type M pre-break and signalling auxiliary contacts.
- The SIRCO M changeover is available for open transition switching (I-0-II) or for overlapping contact switching (I-I+II-II). For overlapping contact switching see "SIRCO M load break switches".

Compliance with standards

- IEC 60947-3

Link to the reference



<https://emea.socomec.com/en/reference/22303008>

SIRCO M transfer switches are modular, 3 or 4 pole, manually operated transfer switches with positive break indication. They make and break under load conditions and provide safety isolation for any low voltage circuits. They are also suitable for other applications such as source inversion (e.g. to change the direction of a motor) or grounding.

Classification

UNSPSC	39122205
ETIM Class	EC000216
IGCC	5177

Commerce

Description	Manually Operated Transfer Switch SIRCO M, switching type I-0-II, frame M2, 3P 80A, direct operation with handle type M001, M001R or external operation with handle type S000, S00, S01. Delivered without handle
Effective date	2009-11-18
Offer Life Cycle Code	40
Country of origin	CN

Environmental Sustainability

Climate change - Total - Cradle to Grave [kg CO ₂ eq.]	48
Climate change - Total - Cradle to Gate [kg CO ₂ eq.]	8
SVHC > 0.1 mass percentage?	No
RoHS applicable?	Yes

ETIM - Electrical characteristics

Max. rated operation voltage Ue AC [V]	800
Rated operating voltage [V]	400..690
Rated permanent current Iu [A]	80
Rated permanent current at AC-23,400 V [A]	80
Rated permanent current at AC-21,400 V [A]	80
Rated short-time withstand current Icw [kA]	1.5
Rated operation power at AC-23, 400 V [kW]	37
Switching power at 400 V [kW]	37
Conditioned rated short-circuit current Iq [kA]	50
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	Yes
Suitable for intermediate mounting	Yes
Colour control element	Black
Degree of protection (IP), front side	IP20

Width [mm]	105
Height [mm]	76
Depth [mm]	89
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	Short rotary handle
Interlockable	Yes
Type of electrical connection of main circuit	Screw connection
Logistics	
GTIN/EAN	3596031983339
Customs number	8536508000
Price unit	PC
Weight of the packing unit [kg]	0.75
Length of the packing unit [m]	0.16
Width of the packing unit [m]	0.11
Depth of the packing unit [m]	0.09
Norms	
Conformity to standards	IEC
Technical Characteristics	
Height [mm]	76
Width [mm]	105
Depth [mm]	89
Weight [kg]	0.75
Number of poles	3
Rated current [A]	80
Frame size	M2