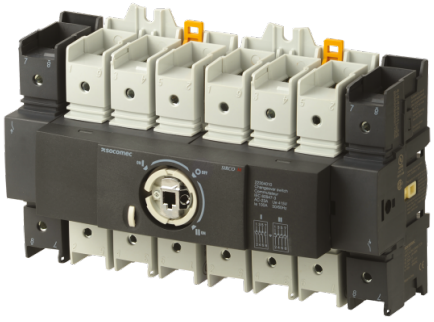
# 22304010

# Manual Transfer Switch body SIRCO M I-0-II 4P 100A



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.

## 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://apac.socomec.com/en/reference/22304010

## Classification

| | |
|---|---|
| UNSPSC | 39122205 |
| ETIM Class | EC000216 |
| IGCC | 5177 |

## Commerce

| | |
|---|---|
| Description | Manually Operated Transfer Switch SIRCO M, switching type I-0-II, frame M3, 4P 100A, direct operation with handle type M002, M002R or external operation with handle type S00. Delivered without handle |
| Effective date | 2011-03-17 |
| Offer Life Cycle Code | 40 |
| Country of origin | FR |

## Environmental impact

| | |
|---|---|
| Carbon footprint - Lifecycle total [kg $CO_2$ eq.] | 115 |
| Carbon footprint - Manufacturing [A1-A3] [kg $CO_2$ eq.] | 19 |
| PEP Filename | SOCO-00098-V01.01-EN.pdf |

## ETIM - Electrical characteristics

| | |
|---|---|
| Max. rated operation voltage Ue AC [V] | 800 |
| Rated operating voltage [V] | 400..690 |
| Rated permanent current Iu [A] | 100 |
| Rated permanent current at AC-23, 400 V [A] | 100 |
| Rated permanent current at AC-21, 400 V [A] | 100 |
| Rated short-time withstand current Icw [kA] | 2.75 |
| Rated operation power at AC-23, 400 V [kW] | 45 |
| Switching power at 400 V [kW] | 45 |
| Conditioned rated short-circuit current Iq [kA] | 25 |
| Number of poles | 4 |

## 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] | 159 |

| | |
|---|---|
| Height [mm] | 124.5 |
| Depth [mm] | 100 |

## 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 | 3596032045708 |
| Customs number | 8536508000 |
| Price unit | PC |
| Weight of the packing unit [kg] | 1.84 |
| Length of the packing unit [m] | 0.237 |
| Width of the packing unit [m] | 0.1 |
| Depth of the packing unit [m] | 0.18 |

## Materials and substances

| | |
|---|---|
| EU REACH | Does not contain SVHC |
| EU RoHS | Compliant |

## Norms

| | |
|---|---|
| Conformity to standards | IEC |

## Technical Characteristics

| | |
|---|---|
| Height [mm] | 124.5 |
| Width [mm] | 159 |
| Depth [mm] | 100 |
| Weight [kg] | 1.84 |
| Number of poles | 4 |
| Rated current [A] | 100 |
| Frame size | M3 |