

**44303010**

## Manual Transfer Switch body SIRCO VM1 I-0-II 3P 100A



### Strong points

- Safe isolation
- Modular product

### General characteristics

- Range from 63A to 125A.
- Available in 3P or 4P.
- Direct handle or external handle.

### Compliance with standards

- IEC 60947-3

### Link to the reference



<https://emea.socomec.com/en/reference/44303010>

SIRCO VM1 are 3 or 4 pole modular manual transfer switches with visible breaking. They provide on-load transfer between two sources for any low voltage power circuit, as well as safety isolation. Other applications include source inversion (e.g. to change the direction of a motor) or grounding/earthing.

### Classification

UNSPSC	39122205
ETIM Class	EC000216
IGCC	5177

### Commerce

Description	Manually Operated Transfer Switch SIRCO VM1, switching type I-0-II, frame VM1, 3P 100A, direct operation with handle type E1 or external operation with handle type S1. Delivered without handle
Effective date	1999-12-01
Offer Life Cycle Code	40
Country of origin	TN

### Environmental Sustainability

Climate change - Total - Cradle to Grave [kg CO <sub>2</sub> eq.]	73
Climate change - Total - Cradle to Gate [kg CO <sub>2</sub> eq.]	21
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]	100
Rated permanent current at AC-23, 400 V [A]	63
Rated permanent current at AC-21, 400 V [A]	100
Rated operation power at AC-23, 400 V [kW]	30
Switching power at 400 V [kW]	30
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]	215
Height [mm]	115.5
Depth [mm]	90.5

### 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	Cable clamp

### Logistics

GTIN/EAN	3596031221370
Customs number	8536508000
Price unit	PC
Weight of the packing unit [kg]	1.36
Length of the packing unit [m]	0.25
Width of the packing unit [m]	0.15
Depth of the packing unit [m]	0.113

### Norms

Conformity to standards	IEC
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### Technical Characteristics

Height [mm]	115.5
Width [mm]	215
Depth [mm]	90.5
Weight [kg]	1.36
Control operator	Manual Direct : E1 / External : S1
Number of poles	3
Rated current [A]	100
Frame size	VM1