

SIRCO *M* and *MV*

Modular universal switches
from 16 to 160 A



SOCOMEK : Innovators in LV switching solutions

As a world leader in electrical switching and protection systems, SOCOMEC launches a new generation of load break and changeover switches for applications from 16 to 160 A.

SIRCO M and **MV** : Total integration of all electrical functions: isolating, control and changeover switching

SOCOMEK has developed a new technical concept that combines the features of a load break switch and a changeover switch in order to propose a highly innovative modular design.

SIRCO M and **MV** : Full compliance with IEC, EN 60947-3 or UL 508 standards

The new **SIRCO M** and **MV** range of load break switches has been designed, qualified and tested according to the criteria defined by the IEC 60947-3 standard.

This process guarantees a high quality level for the product which is fully adapted to arduous operating environments when operating in the field.

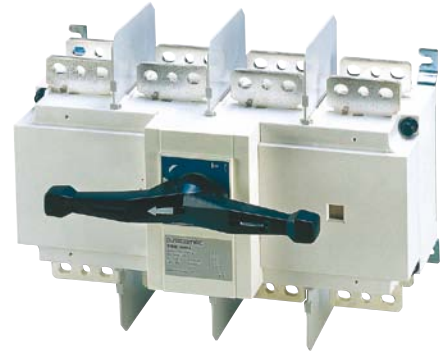


ATYS 079 A

ADDITIONAL SOCOMEC SWITCHING SOLUTIONS

> **SIRCO** load break switches up to 5000 A

SIRCO 355 A



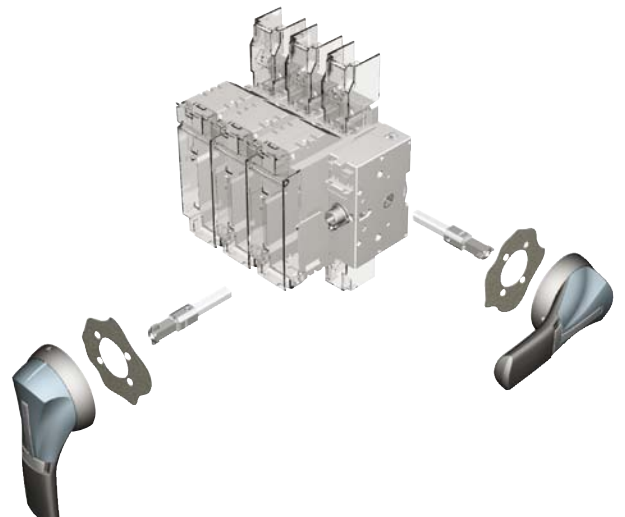
> Manual and motorised changeover switch

ATYSM 007 A



> Fuse combination switches **FUSERBLOC** - Front or right side operation

FUSER 703 A



SIRCO M Modular universal switches the versatile solution

Use standard components to create a solution that perfectly suits to your application.

SWITCHING & DISCONNECTION

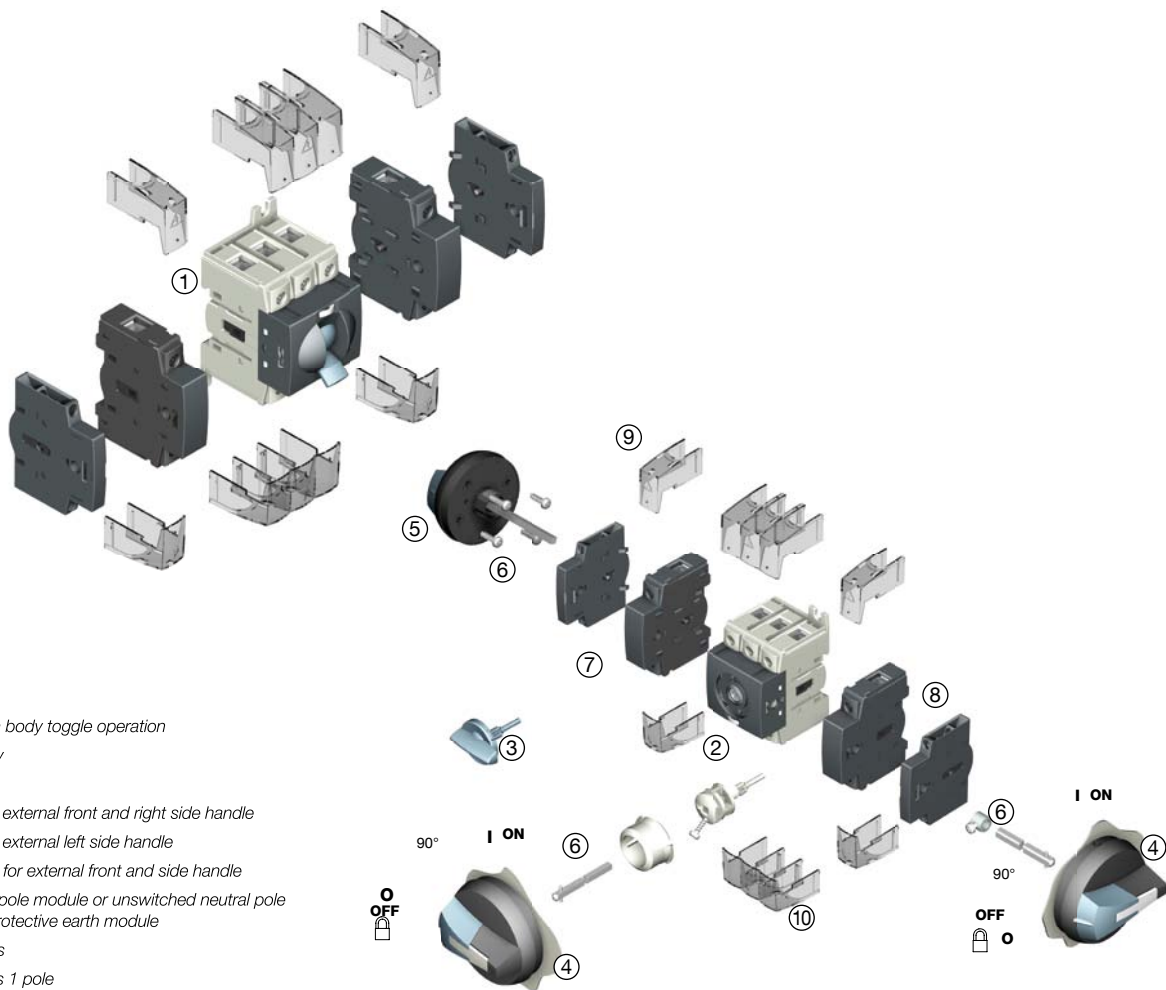
For safe and optimised operation of LV electrical circuits.

CHANGEOVER SWITCHING

Two mechanically interlocked switches.

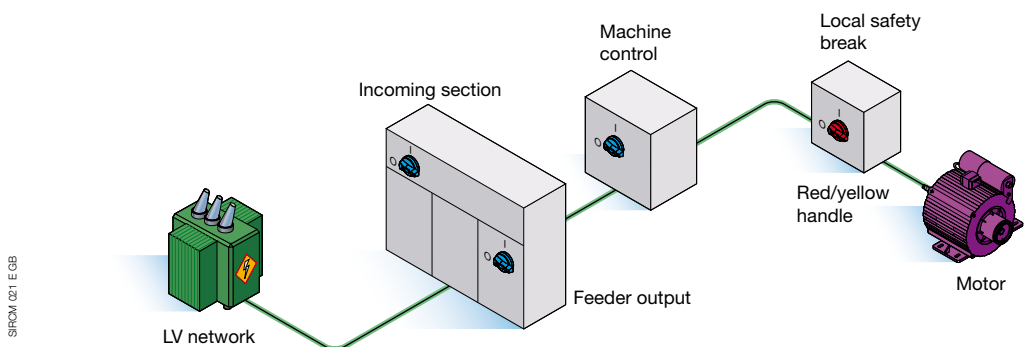
ADAPTABLE

To all motor or distribution load applications.



COMPLETE INTEGRATION WITHIN ALL OF YOUR INSTALLATIONS

- > Distribution panel - Incoming or feeder
- > Panel mounted or DIN modular
- > Machine control
- > Local safety break



SIRCO M and MV

Accessories supporting innovation

AN OPTIMISED BREAKING SYSTEM

> SIRCO M

Contact point technology and front or side operation.



SIRCO 163 A - 164 A



Position 0



Position I

> SIRCO MV

Sliding electrical contacts:

- High dynamic short circuit current withstand,
- High number of operations.



STANDARDISED ACCESSORIES

> Direct operation

A direct operation to suit all markets.

SIRCO 132 A - 133 A



Rotary handle



Lever operation (toggle)

> External operation

Compact and robust, the rotary handle enables the same switch to be operated either from a front, left or right side.

ACCESS 278 A - 279 A



16 to 80 A



100 to 160 A

> Additional poles

3 additional pole versions are available:

- a switched fourth pole module,
- an unswitched neutral pole,
- a protective earth module (unswitched pole).

SIRCO 072 B



> Auxiliary contacts

The pre-break and signalisation function of these auxiliary contacts enables the anticipation of the switching of the main poles.

SIRCO 075 B



> Terminal shrouds

Single, three and four pole they ensure protection against direct contact.

SIRCO 012 A



NEW ADDITIONAL FEATURES

> Door / Panel mounting kit

For a quick and easy installation.



Overall dimensions reduced



Right or left side mounting



Door mounting



Complete protection IP2X

> Conversion kit

This accessory enables the assembly of two 3 pole switches + additional poles in order to achieve:

- 6 or 8 pole load break switches,
- 3 or 4 pole changeover switches (I - 0 - II) or (I - I+II - II).



SIRCO M and MV

Ten **multipolar** ratings from 16 to 160 A
for LV **industrial and commercial applications**

SIRCO M 16 to 40 A **SIRCO M** 63 to 80 A **SIRCO M** 100 and 125 A **SIRCO MV** 100 to 160 A

FUNCTIONS

3/4-pole load break switches	•	•	•	•
6/8-pole load break switches	•	•		
3/4-pole changeover switches (I - 0 - II)	•	•		
3/4-pole changeover switches (I - I+II - II)	•	•		

CHARACTERISTICS

OPERATION

Manual	•	•	•	•
Lever (Toggle)	•	•		

DIRECT HANDLE

Front	•	•	•	•
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DOOR INTERLOCKED EXTERNAL HANDLE

Front	•	•	•	•
Right side	•	•	•	•
Left side	•	•	•	•

BREAKING

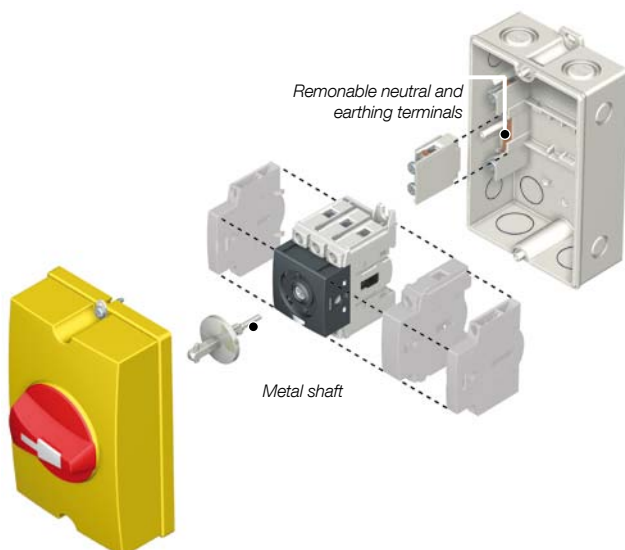
Positive break indication	•	•	•	•
Visible				•

SWITCH BODY

Modular	•	•	•	•
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Compact enclosure

- Polycarbonate housing.
- IP65.
- 2 colourings:
 - grey lid and black handle,
 - yellow lid and red handle.
- 2 enclosure sizes to facilitate the connection:
 - **16 to 40 A case**
(H x L x P :162 x 66 x 92 mm) pre-drill holes:
2 on the right and 2 on the left side M16, 2 on the top and 2 on the bottom M20/25, 4 on the backside M20,
 - **63 to 100 A**
(H x L x P : 210 x 125,5 x 92mm) pre-drill holes:
2 on the right and 2 on the left side M16, 2 on the top and 2 on the bottom M25/32, 2 on the backside M25/32.
- Removable neutral and earthing terminals.
- Lid fixed by sealed screws.
- Sectile mounting lugs.



SIRCO MV

The appropriate product for all **enclosed applications**

> Mounting inside an enclosure

- DIN rail mounted



- Back plate mounted



> Voltage tap

Voltage sensing and power supply accessory.



> 3 operating directions



Direct front operation



External right side operation



External front or left side operation

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