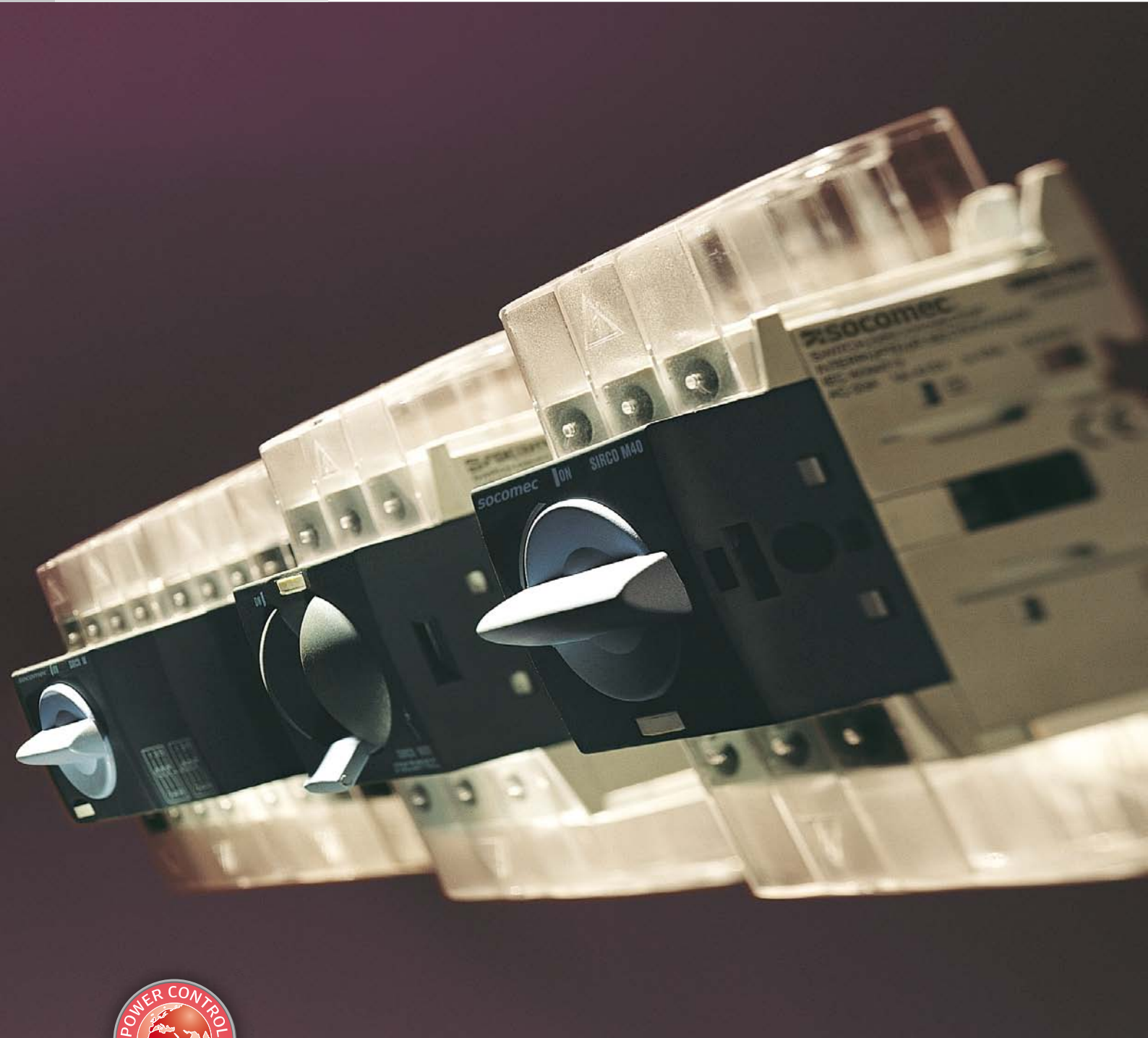


# SIRCO *M* and *MV*

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.

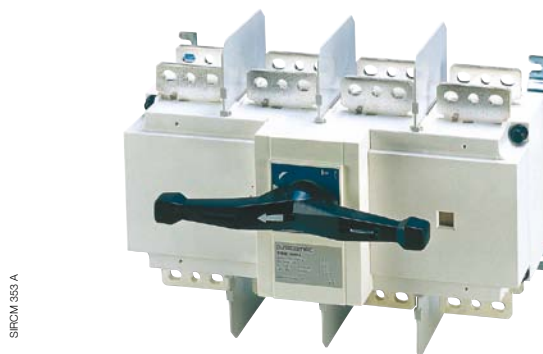
### **SIRCO M** and **MV** : **Full compliance** with IEC, EN 60947-3 or UL 508 standards

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.

## ADDITIONAL SOCOMEC SWITCHING SOLUTIONS

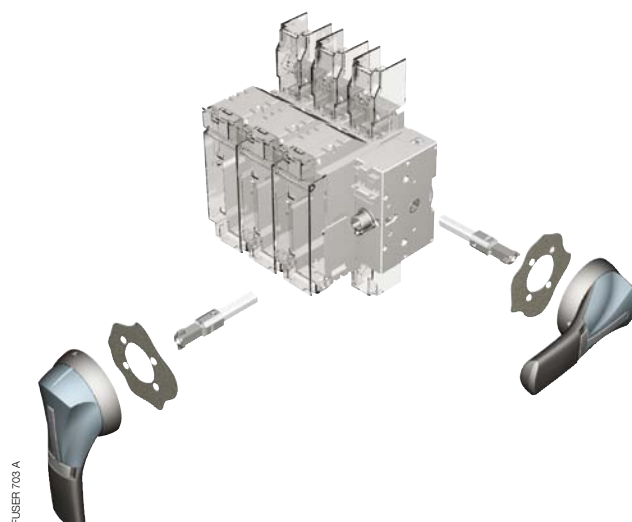
### > **SIRCO** load break switches up to 5000 A



### > Manual and motorised changeover switch



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



# SIRCO **M** Modular universal switches the versatile solution

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

## SWITCHING & DISCONNECTION

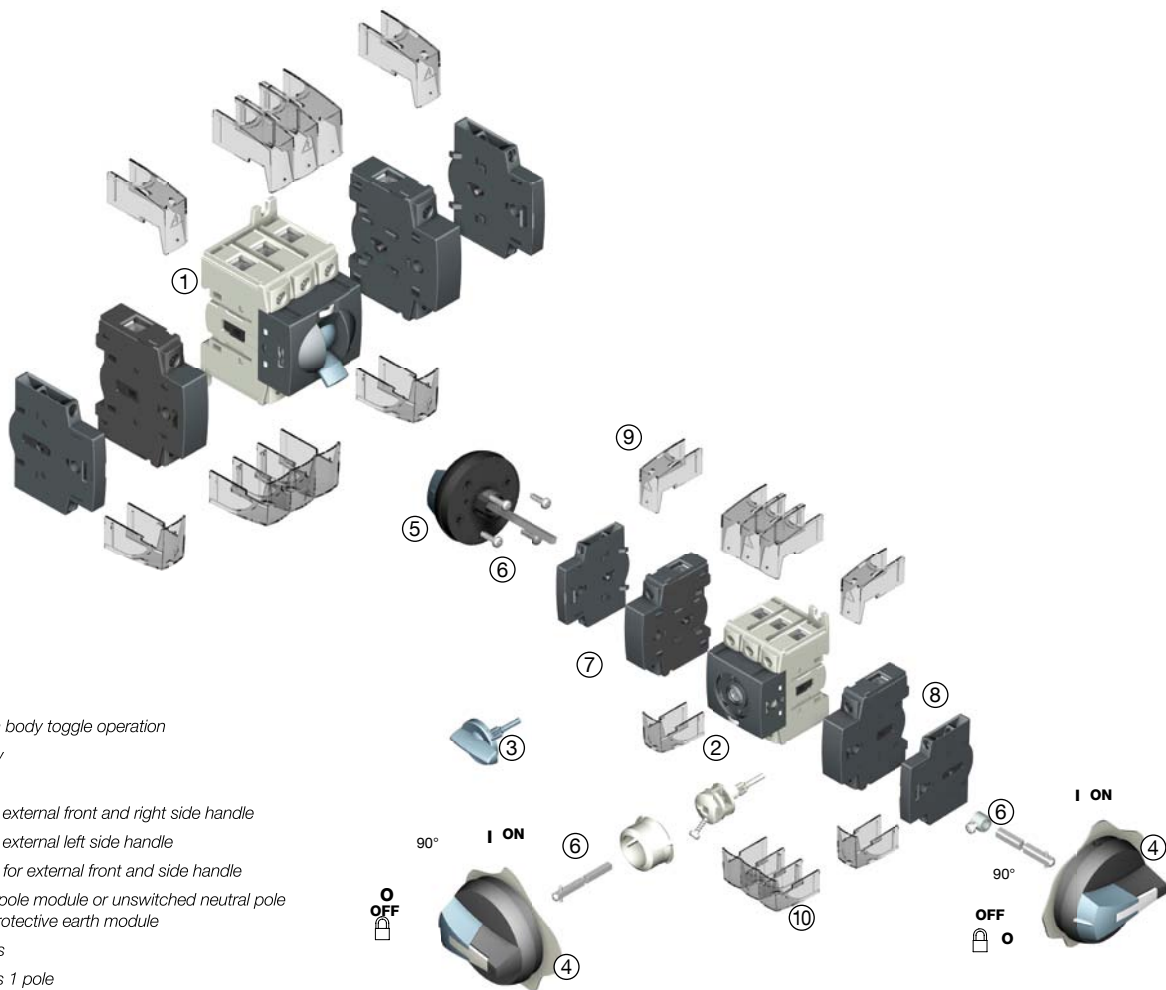
For safe and optimised operation of LV electrical circuits.

## CHANGEOVER SWITCHING

Two mechanically interlocked switches.

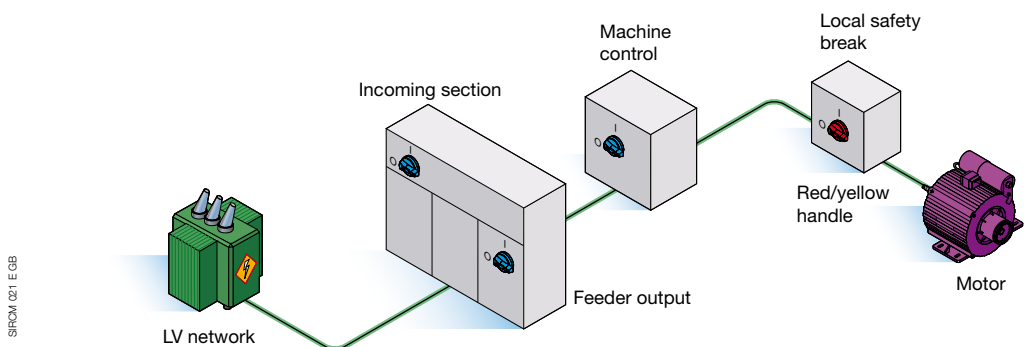
## ADAPTABLE

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





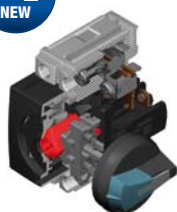
### AN OPTIMISED BREAKING SYSTEM

#### > SIRCO M

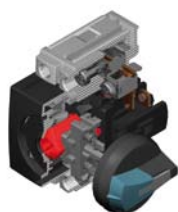
Contact point technology and front or side operation.



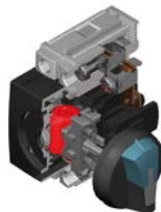
SIRCO 163 A - 164 A



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.



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.



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**

|                                              | <b>SIRCO M</b><br>16 to 40 A | <b>SIRCO M</b><br>63 to 80 A | <b>SIRCO M</b><br>100 and 125 A | <b>SIRCO MV</b><br>100 to 160 A |
|----------------------------------------------|------------------------------|------------------------------|---------------------------------|---------------------------------|
| <b>FUNCTIONS</b>                             |                              |                              |                                 |                                 |
| 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) | •                            | •                            |                                 |                                 |
| <b>CHARACTERISTICS</b>                       |                              |                              |                                 |                                 |
| <b>OPERATION</b>                             |                              |                              |                                 |                                 |
| Manual                                       | •                            | •                            | •                               | •                               |
| Lever (Toggle)                               | •                            | •                            |                                 |                                 |
| <b>DIRECT HANDLE</b>                         |                              |                              |                                 |                                 |
| Front                                        | •                            | •                            | •                               | •                               |
| <b>DOOR INTERLOCKED EXTERNAL HANDLE</b>      |                              |                              |                                 |                                 |
| Front                                        | •                            | •                            | •                               | •                               |
| Right side                                   | •                            | •                            | •                               | •                               |
| Left side                                    | •                            | •                            | •                               | •                               |
| <b>BREAKING</b>                              |                              |                              |                                 |                                 |
| Positive break indication                    | •                            | •                            | •                               | •                               |
| Visible                                      |                              |                              |                                 | •                               |
| <b>SWITCH BODY</b>                           |                              |                              |                                 |                                 |
| Modular                                      | •                            | •                            | •                               | •                               |

## Compact enclosure

- Polycarbonate housing.
- IP65.
- 2 colourings:
  - grey lid and black handle,
  - yellow lid and red handle.
- 2 enclosures 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 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 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



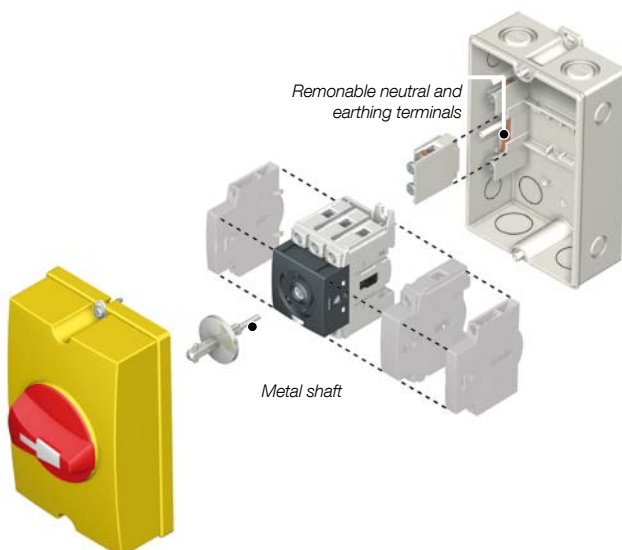
Direct front operation



External right side operation



External front or left side operation



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