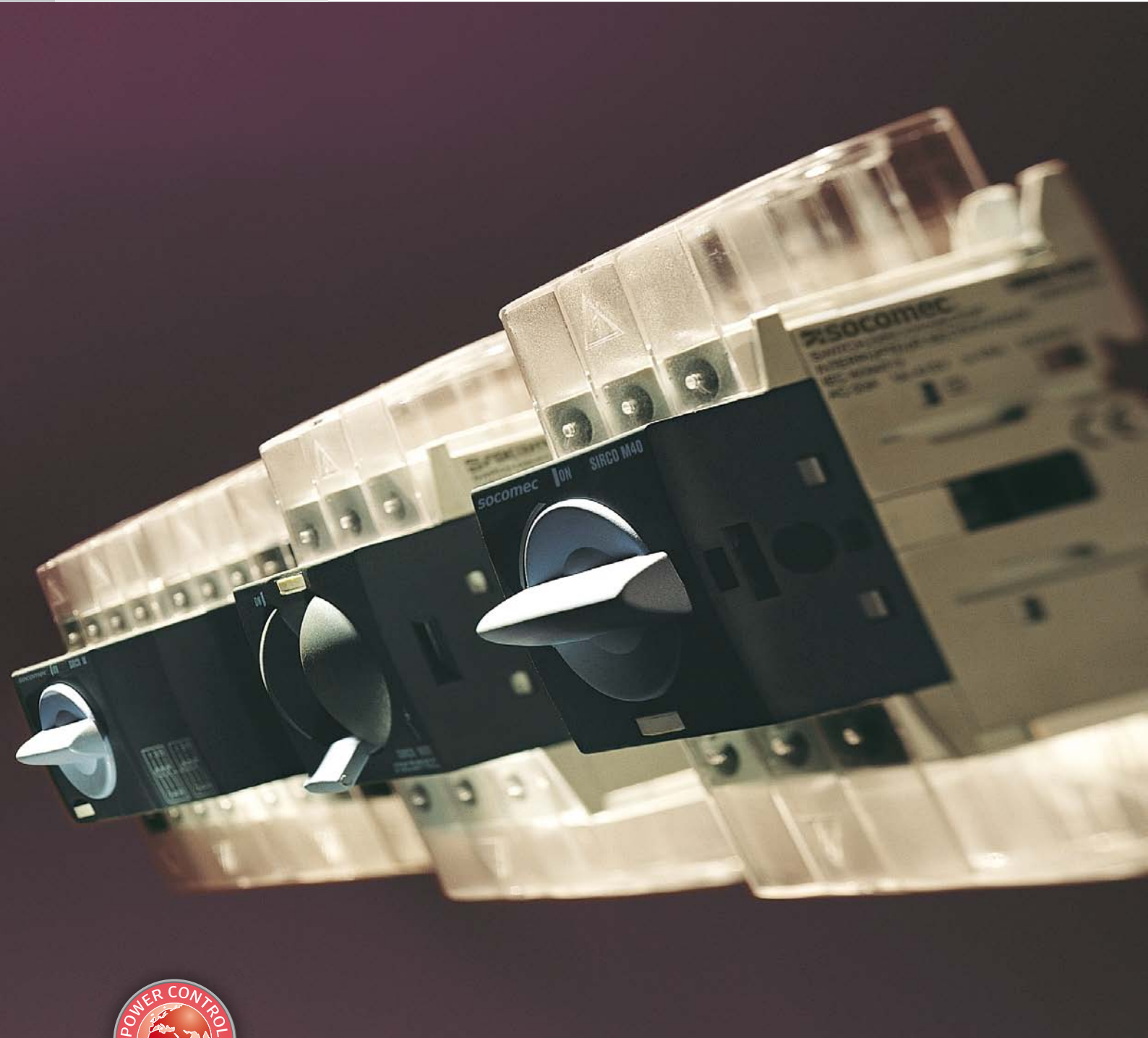


SIRCO *M* and *MV*

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.

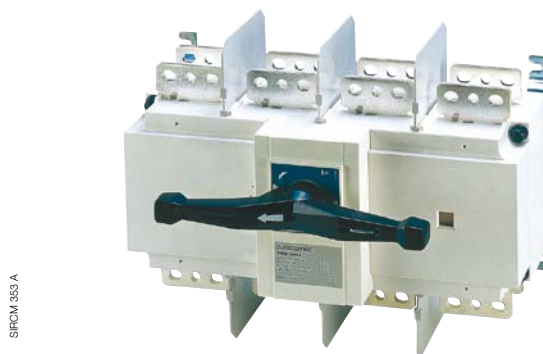
SIRCO M and **MV** : **Full compliance** with IEC, EN 60947-3 or UL 508 standards

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

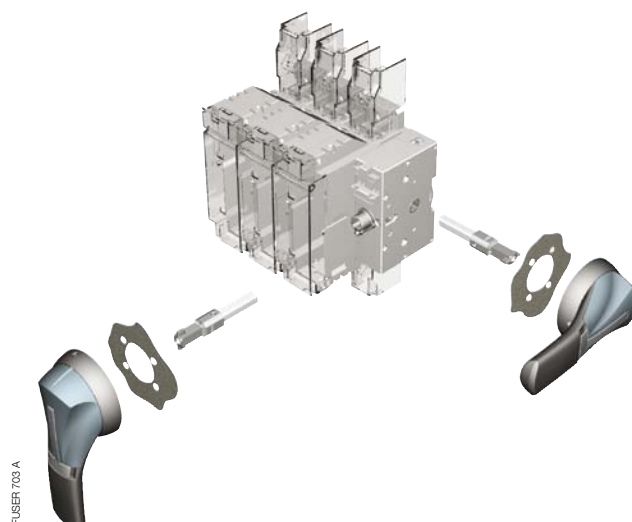
> **SIRCO** load break switches up to 5000 A



> 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

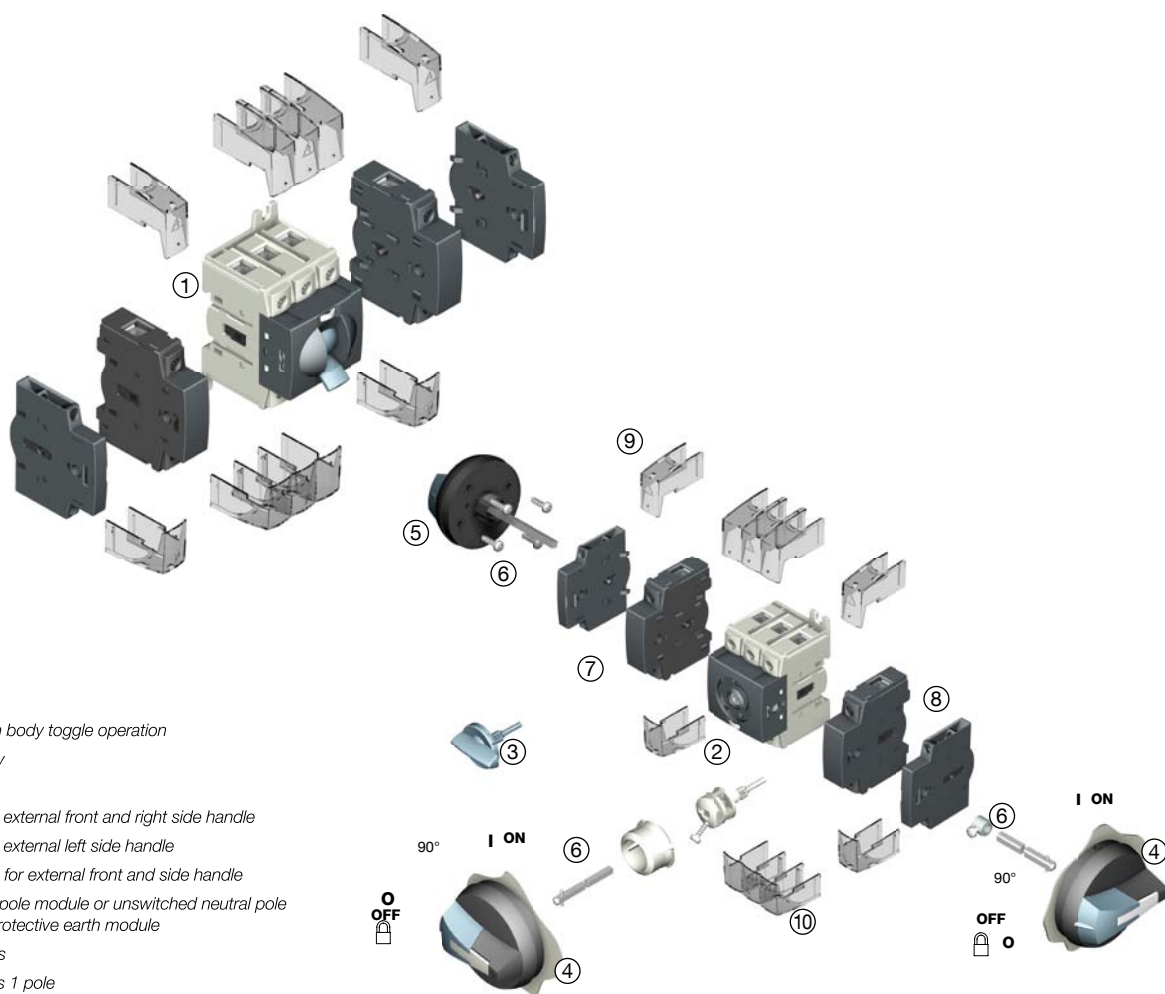
For safe and optimised operation of LV electrical circuits.

CHANGEOVER SWITCHING

Two mechanically interlocked switches.

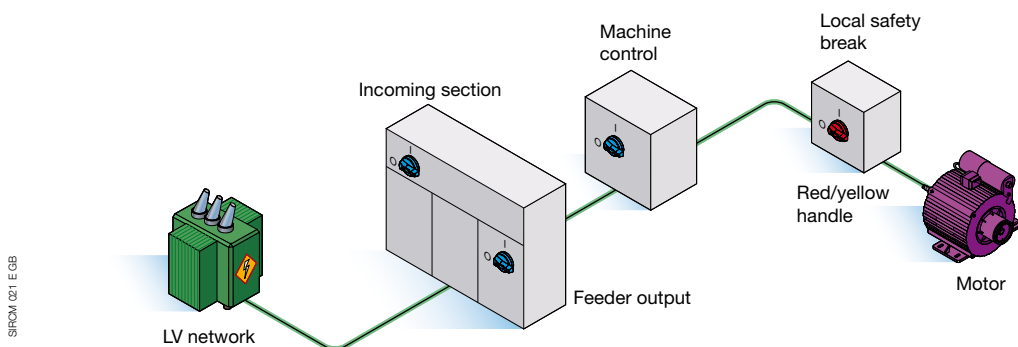
ADAPTABLE

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



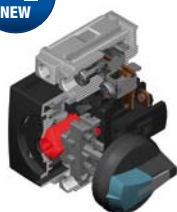
AN OPTIMISED BREAKING SYSTEM

> 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**

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	•	•	•	•
-------	---	---	---	---

DOOR INTERLOCKED EXTERNAL HANDLE

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

BREAKING

Positive break indication	•	•	•	•
Visible				•

SWITCH BODY

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.



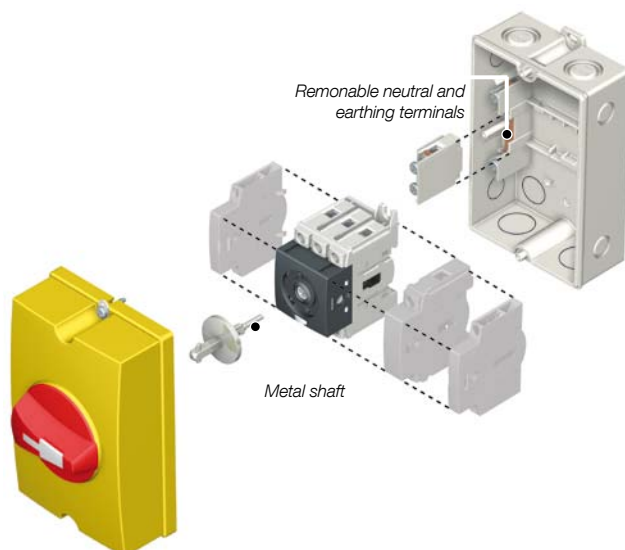
> 3 operating directions



Direct front operation

External right side operation

External front or left side operation



Socomec worldwide

IN EUROPE

BELGIUM

Critical Power / Power Control & Safety /
Energy Efficiency / Solar Power Power

Tel. +32 2 340 02 30
Fax +32 2 346 28 99
info.be@socomec.com

FRANCE

Critical Power / Power Control & Safety /
Energy Efficiency / Solar Power

Tel. +33 1 45 14 63 00
Fax +33 1 48 67 31 12
dcm.ups.fr@socomec.com

GERMANY

Critical Power

Tel. +49 621 71 68 40
Fax +49 621 71 68 444
info.ups.de@socomec.com

Power Control & Safety / Energy Efficiency

Tel. +49 7243 65292 0
Fax +49 7243 65292 13
info.scp.de@socomec.com

ITALY

Critical Power

Tel. +39 02 98 242 942
Fax +39 02 98 240 723
info.ups.it@socomec.com

Power Control & Safety / Energy Efficiency

Tel. +39 02 98 49 821
Fax +39 02 98 24 33 10
info.scp.it@socomec.com

Solar Power

Tel. +39 0444 598611
Fax +39 0444 598627
info.solar.it@socomec.com

NETHERLANDS

Critical Power / Power Control & Safety /
Energy Efficiency / Solar Power

Tel. +31 30 760 0900
Fax +31 30 637 2166
info.nl@socomec.com

POLAND

Critical Power

Tel. +48 22 825 73 60
Fax. +48 22 825 73 60
info.ups.pl@socomec.com

Power Control & Safety / Energy Efficiency

Tel. +48 91 442 64 11
Fax +48 91 442 64 19
info.scp.pl@socomec.com

PORTUGAL

Critical Power / Solar Power

Tel. +351 261 812 599
Fax +351 261 812 570
info.ups.pt@socomec.com

ROMANIA

Critical Power / Power Control & Safety /
Energy Efficiency / Solar Power

Tel. +40 21 319 36 88
Fax +40 21 319 36 89
info.ro@socomec.com

RUSSIA

Critical Power / Power Control & Safety /
Energy Efficiency / Solar Power

Tel. +7 495 775 19 85
Fax +7 495 775 19 85
info.ru@socomec.com

SLOVENIA

Critical Power / Power Control & Safety /
Energy Efficiency / Solar Power

Tel. +386 1 5807 860
Fax +386 1 561 11 73
info.si@socomec.com

SPAIN

Critical Power / Power Control & Safety /
Energy Efficiency / Solar Power

Tel. +34 93 540 75 75
Fax +34 93 540 75 76
info.es@socomec.com

TURKEY

Critical Power / Power Control & Safety /
Energy Efficiency / Solar Power

Tel. +90 216 540 71 20-21-22
Fax +90 216 540 71 27
info.tr@socomec.com

UNITED KINGDOM

Critical Power

Tel. +44 1285 863 300
Fax +44 1285 862 304
info.ups.uk@socomec.com

Power Control & Safety / Energy Efficiency

Tel. +44 1462 440 033
Fax +44 1462 431 143
info.scp.uk@socomec.com

IN ASIA PACIFIC

AUSTRALIA

Critical Power / Power Control & Safety

Tel. +61 2 9325 3900
Fax +61 2 9888 9544
info.ups.au@socomec.com

CHINA

Critical Power / Power Control & Safety /
Energy Efficiency

Tel. +86 21 52 98 95 55
Fax +86 21 62 28 34 68
info.cn@socomec.com

INDIA

Critical Power / Solar Power

Tel. +91 44 39215400
Fax +91 44 39215450 & 51
info.ups.in@socomec.com
info.solar.in@socomec.com

Power Control & Safety / Energy Efficiency

Tel. +91 124 4027210
Fax +91 124 4562738
info.scp.in@socomec.com

SINGAPORE

Critical Power / Power Control & Safety /
Energy Efficiency

Tel. +65 6506 7600
Fax +65 64 58 7377
info.sg@socomec.com

THAILAND

Critical Power

Tel. +66 2 941 1644 7
Fax +66 2 941 1650
info.ups.th@socomec.com

VIETNAM

Critical Power

Tel. +84 8 3559 1220
Fax +84 8 3559 1221
info.ups.vn@socomec.com

IN MIDDLE EAST

UNITED ARAB EMIRATES

Critical Power / Power Control & Safety /
Energy Efficiency / Solar Power

Tel. +971 4 29 98 441
Fax +971 4 29 98 449
info.ae@socomec.com

IN AMERICA

USA, CANADA & MEXICO

Power Control & Safety / Energy Efficiency

Tel. +1 617 245 0447
Fax +1 617 245 0437
info.us@socomec.com

OTHER COUNTRIES

NORTH AFRICA

Algeria / Morocco / Tunisia
info.naf@socomec.com

AFRICA

Other countries

info.africa@socomec.com

SOUTH EUROPE

Cyprus / Greece / Israel / Malta
info.se@socomec.com

SOUTH AMERICA

Tel. +34 93 540 75 75
info.es@socomec.com

MORE DETAILS

www.socomec.com/worldwide

HEAD OFFICE

SOCOMECS GROUP

S.A. SOCOMEC capital 10 816 800€
R.C.S. Strasbourg B 548 500 149
B.P. 60010 - 1, rue de Westhouse
F-67235 Benfeld Cedex - FRANCE
Tel. +33 3 88 57 41 41
Fax +33 3 88 74 08 00
info.scp.isd@socomec.com

www.socomec.com

YOUR DISTRIBUTOR

