SIRCO M and *MV*
Universal load break switches
from 16 to 160 A

External operation handle - SIRCO M (continued)

S0 type handle

Rating (A) / Frame size	Type	No. of poles	Operation	Handle colour	External IP	Defeatable handle	Reference
100 … 125 / M3	Switch	3/4 P	Front and side operation	Black	IP55	yes	1481 **1111**
	Switch	3/4 P	Front and side operation	Black	IP65	yes	1483 **1111**
	Switch	3/4 P	Front and side operation	Red/Yellow	IP65	yes	1484 **1111**
	Switch	3/4 P	Left side	Black	IP65	no	148A **5111**
	Switch	3/4 P	Left side	Red/Yellow	IP65	no	148B **5111**

S01 type handle

Rating (A) / Frame size	Type	No. of poles	Operation	Handle colour	External IP	Defeatable handle	Reference
16 … 125 / M1 … M3	Switch	3/4 P[2]	Front and side operation	Black	IP65	yes	1403 **2111**
	Switch	3/4 P[2]	Front and side operation	Red/Yellow	IP65	yes	1404 **2111**
16 … 125 / M1 … M3	Changeover switches I - 0 - II	3/4 P	Front	Black	IP65	yes	1403 **2113**
	Changeover switches I - 0 - II	3/4 P	Front	Black	IP65	yes	1403 **2813**[1]
	Changeover switches I - I+II - II	3/4 P	Front	Black	IP65	yes	1403 **2114**
	Changeover switches I - I+II - II	3/4 P	Front	Black	IP65	yes	1403 **2814**[1]

(1) Padlockable in 3 positions.
(2) Can also be used with 6 and 8 pole devices from 16 to 40 A.

S0 handle

S01 handle

External operation handle - SIRCO MV

S0 type handle

Rating (A)	Type	No. of poles	Operation	Handle colour	External IP	Defeatable handle	Reference
100 … 160	Switch	3/4 P	Front and side operation	Black	IP55	yes	1491 **0111**
100 … 160	Switch	3/4 P	Front and side operation	Black	IP65	yes	1493 **0111**
100 … 160	Switch	3/4 P	Front and side operation	Red/Yellow	IP65	yes	1494 **0111**
100 … 160	Switch	3/4 P	Left side	Black	IP65	no	149A **9111**
100 … 160	Switch	3/4 P	Left side	Red/Yellow	IP65	no	149B **9111**

S1 type handle

Rating (A)	Type	No. of poles	Operation	Handle colour	External IP	Defeatable handle	Reference
100 … 160	Switch	3/4 P	Front	Black	IP55	yes	1411 **2111**
100 … 160	Switch	3/4 P	Front	Black	IP65	yes	1413 **2111**
100 … 160	Switch	3/4 P	Front	Red/Yellow	IP65	yes	1414 **2111**
100 … 160	Switch	3/4 P	Right side	Black	IP55	no	1415 **2111**
100 … 160	Switch	3/4 P	Right side	Black	IP65	no	1417 **2111**
100 … 160	Switch	3/4 P	Right side	Red/Yellow	IP65	no	1418 **2111**
100 … 160	Switch	3/4 P	Left side	Black	IP65	no	141A **2111**
100 … 160	Switch	3/4 P	Left side	Red/Yellow	IP65	no	141B **2111**

S0 handle

S1 Handle

SIRCO *MV PV*
Load break switches for photovoltaic applications
from 63 to 80 A, up to 1000 VDC

Accessories

Door interlocked external operation handle

Use
Door interlocked external operation handles include an escutcheon, are padlockable and must be utilised with an extension shaft.

In a combiner box, located close to the solar cell strings, or located close to the inverter, we recommend to use a door interlocked external handle for safety.

Example
The locking function of the enclosure in the "ON" position will force the operator to safely disconnect and isolate the solar cell strings prior to any intervention.

Opening the door when the switch is on "ON" position is possible by defeating the interlocking function with the use of a tool (authorised persons only). The interlocking function is restored when the door is re-closed.

S0 type handle

S1 type handle

S0 type handle - Front operation I - 0				
Rating (A)	Handle type	Handle colour	External IP[1]	Reference
63 ... 80	S0	Black	IP55	1491 0111[2]
63 ... 80	S0	Black	IP65	1493 0111[2]
63 ... 80	S0	Red/Yellow	IP65	1494 0111[2]

S1 type handle - Front operation I - 0				
Rating (A)	Handle type	Handle colour	External IP[1]	Reference
63 ... 80	S1	Black	IP55	1411 2111[2]
63 ... 80	S1	Black	IP65	1413 2111[2]
63 ... 80	S1	Red/Yellow	IP65	1414 2111[2]

(1) IP: protection degree according to IEC 60529 standard.
(2) Defeatable handle.

Shaft for external handle

Use
Standard lengths:
- 150 mm
- 200 mm
- 320 mm
- 400 mm

Other lengths: please consult us.

Shaft for S0 type handle for SIRCO MV PV 63 ... 80 A

Shaft for S1 type handle for SIRCO MV PV 63 ... 80 A

For SIRCO MV PV			
Rating (A)	Handle type	Length (mm)	Reference
63 ... 80	S0	150 mm	1409 0615
63 ... 80	S0	200 mm	1409 0620
63 ... 80	S0	320 mm	1409 0632
63 ... 80	S1	200 mm	1401 0620
63 ... 80	S1	320 mm	1401 0632
63 ... 80	S1	400 mm	1401 0640

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FUSERBLOC
Fuse combination switches
for industrial fuses up to 1250 A

Accessories

Direct operation handle

For front operation

Rating (A)	Frame size	Figure no.	Handle colour	Reference
20 ... 32	0	1	Black	3629 **4012**
20 ... 32	0	1	Red	3629 **4013**
32 ... 400	11 ... 16	2	Black	3629 **7910** [1]
630 ... 800	17	2	Black	3899 **6011**
800 ... 1250	18	3	Black	3899 **7011**

For right side operation

Rating (A)	Frame size	Figure no.	Handle colour	Reference
32 ... 63	1/2	4	Black	3629 **7900**
100 ... 400	3 … 6	4	Black	3629 **7901**
630 ... 1250	17 ... 18	5	Black	1437 **7911**

(1) Direct operation handle for switches 3841 xxxx and 3831 xxxx.

acces_147_a_a_2_cat
Fig. 1

acces_261_a
Fig.2

acces_262_a
Fig. 3

acces_148_a_a_2_cat
Fig.4

fuser_707_a
Fig. 5

External front operation handle

Padlockable handle in position 0

Rating (A)	Frame size	Handle type	Handle colour	Operation	External IP[1]	Defeatable handle	Reference
CD 25 … 63	0/11/12	S1	Black	I - 0	IP55	Yes	1411 **2111**
CD 25 … 63	0/11/12	S1	Black	I - 0	IP65	Yes	1413 **2111**
CD 25 … 63	0/11/12	S1	Red/Yellow	I - 0	IP65	Yes	1414 **2111**
CD 25 … 63	0/11/12	S1	Black	I - 0 - Test	IP65	Yes	1413 **2115**
CD 25 … 63	0/11/12	S1	Red/Yellow	I - 0 - Test	IP65	Yes	1414 **2115**
100 … 400	13 … 16	S2	Black	I - 0	IP55	Yes	1421 **2111**
100 … 400	13 … 16	S2	Black	I - 0	IP65	Yes	1423 **2111**
100 … 400	13 … 16	S2	Red/Yellow	I - 0	IP65	Yes	1424 **2111**
100 … 400	13 … 16	S2	Black	I - 0 - Test	IP65	Yes	1423 **2115**
100 … 400	13 … 16	S2	Red/Yellow	I - 0 - Test	IP65	Yes	1424 **2115**
630 … 800	17	S3	Black	I - 0	IP65	Yes	1433 **3111**
630 … 800	17	S3	Red/Yellow	I - 0	IP65	Yes	1434 **3111**
800 … 1250	18	S4	Black	I - 0	IP65	Yes	1443 **3111**
800 … 1250	18	S4	Red/Yellow	I - 0	IP65	Yes	1444 **3111**

(1) IP: protection degree according to IEC 60529 standard.

Padlockable handle in position 0 and I

Rating (A)	Frame size	Handle type	Handle colour	External IP[1]	Reference
CD 25 … 63	0/11/12	S1	Black	IP65	1413 **2311**
100 … 400	13 … 16	S2	Black	IP65	1423 **2311**

(1) IP: protection degree according to IEC 60529 standard.

acces_149_a_a_2_cat
S1 type handle

acces_164_a_a_2_cat
S2 type handle

acces_151_a_a_2_cat
S3 type handle

acces_152_a_a_2_cat
S4 type handle

External right side operation handle

Rating (A)	Frame size	Handle type	Handle colour	External IP[1]	Reference
CD 25 … 63	0/11/12	S1	Black	IP55	1415 **2111**
CD 25 … 63	0/11/12	S1	Black	IP65	1417 **2111**
CD 25 … 63	0/11/12	S1	Red/Yellow	IP65	1418 **2111**
100 … 400	13 … 16	S2	Black	IP55	1425 **2111**
100 … 400	13 … 16	S2	Black	IP65	1427 **2111**
100 … 400	13 … 16	S2	Red/Yellow	IP65	1428 **2111**
630 … 1250	17/18	S3	Black	IP65	1437 **3111**
630 … 1250	17/18	S3	Red/Yellow	IP65	1438 **3111**

(1) IP: protection degree according to IEC 60529 standard.

acces_149_a_a_2_cat
S1 type handle

acces_166_a_a_2_cat
S3 type handle

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FUSERBLOC
Fuse combination switches
for industrial fuses up to 1250 A

External front operation handle with metal padlocking lever

Rating (A)	Frame size	Handle type	Handle colour	External IP[1]	Defeatable handle	Reference
CD 25 … 63	0/11/12	S1	Black	IP65	Yes	141D **2911**
CD 25 … 63	0/11/12	S1	Red/Yellow	IP65	Yes	141E **2911**
100 … 400	13 … 16	S2	Black	IP65	Yes	142D **2911**
100 … 400	13 … 16	S2	Red/Yellow	IP65	Yes	142E **2911**
600 …800	17	S3	Black	IP65	Yes	143D **3911**
600 …800	17	S3	Red/Yellow	IP65	Yes	143E **3911**
800 … 1250	18	S4	Black	IP65	Yes	144D **3911**
800 … 1250	18	S4	Red/Yellow	IP65	Yes	144E **3911**

(1) IP: protection degree according to IEC 60529 standard.

S2 type handle

S3 type handle

S-type handle adapter

Use
Enables S-type handles to be fitted in place of existing older style Socomec handles.
Adapter can be utilised as a spacer to increase the distance between the panel door and the handle lever.

Dimensions
Adds 12 mm to the depth of the handle.

Handle colour	To be ordered in multiples of	External IP[1]	Reference
Black	1	IP65	1493 **0000**

(1) IP: protection degree according to IEC 60529 standard.

Alternative S-type handle cover colours

Use
For single lever handles S1, S2, S3 types and double lever handle, S4 type.
Other colours: please consult us.

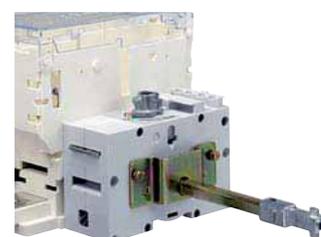| Handle colour	To be ordered in multiples of	Handle type	Reference
Light grey	50	S1, S2	1401 **0001**
Dark grey	50	S1, S2	1401 **0011**
Light grey	50	S4	1401 **0031**
Dark grey	50	S4	1401 **0041**

Flat mounting kit

Use
The flat mounting providing compact solution ideally suited to withdrawable applications.
Kit to be used with a handle for flat mounting.

Rating (A)	Frame size	Type	Reference
CD 25 …CD 32	0	Kit + Shaft 200 mm	1429 **7709**
50 … 400	11 … 16	Kit + Shaft 200 mm	1429 **7710**

Handle for flat mounting kit

Padlockable handle in position 0					
Rating (A)	Frame size	Handle type	Handle colour	External IP[1]	Reference
CD 25 … 63	0/11/12	S1	Black	IP55	1411 **2111**[2]
CD 25 … 63	0/11/12	S1	Red/Yellow	IP65	1414 **2111**[2]
100 … 400	13 … 16	S2	Black	IP55	1421 **2111**[2]
100 … 400	13 … 16	S2	Red/Yellow	IP65	1424 **2111**[2]

(1) IP: protection degree according to IEC 60529 standard.
(2) Defeatable handle in position I.

S2 type handle.

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