FUSERBLOC UL

Fuse load break switches

from 30 to 800 A



ul_004_a

Function

FUSERBLOC UL units are manually-operated multipole fuse load break switches with external right front-side operation and comply with UL and CSA standards.

They provide make and break on load and safety isolation and protection against overcurrent for any low voltage electrical circuit. The switches use double-pole isolator contacts to ensure complete isolation of the fuse when the switch is in the “OFF” position.

These devices are suitable for use as disconnectors for motors and industrial control panels on service entrance equipment, final panelboards, distribution switchboards, industrial control equipment or motor control centres.

This range is available in right front-side, direct or external control, in 2, 3 and 4 poles and up to 800 A.

Advantages

Improved safety

The double phase isolator (upstreamdownstream of the fuse) and fully visible isolation guarantee the safety of people and equipment against overcurrents.

High breaking capacity

High breaking capacity fuses (200 kA rms) provide protection against overloads and shortcircuits.

Multi-use

The device can be equipped with a “Flange” type front or side operation handles, fitted directly on the product or externally, with the possibility of installing it on the door or the side of the electrical box or cabinet. The device is also equipped with voltage measurement terminals for taking measurements as well as an NFPA 79 compliance kit available as an option.

Simplified use

The TEST position enables testing of the control circuits without turning on the power thanks to the use of U-type auxiliary contacts.

In the TEST position, the cabinet door can be opened.

General characteristics

- For fuses up to 800 A.
- Up to 200 kA.
- AC voltage from 208 V to 600 V.
- Accepts Class CC, J and L fuses.
- 2P, 3P or 4P available.

The solution for

- Data centre
- Healthcare
- Industry
- Building



Strong points

- Improved safety
- High breaking capacity
- Multi-use
- Simplified use

Conformity to standards(1)

- IEC 60947-3
- UL489 (box 1 and 2)
- UL 98 (box 4 to 8)
- CSA 22.2 #4 (box 1 and 2)
- CSA 22.2 #5 (box 4 to 8)
- NFPA 79 (2002 version)

Enclosures

- Enclosed fusible disconnect switch available, please consult page



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socomec Innovative Power Solutions

References

Fusible disconnect

Rating (A) Fuses Frame size	No. of poles	Switch body	Direct handle	Front external handle	External right side handle[1]	Shaft external handle	NFPA79 kit	U-type auxiliary contacts	Terminal shrouds
CD 30 A CC 1	3 P	3710 **3003**	Black 3729 **4012**	S0 type Black I - 0 1, 3R, 12 1493 **0111** 4, 4X 149D **0111** S1 type Black I - 0 1, 3R, 12 141F **2111** 4, 4X 141D **2111**		S0 type 200 mm 7.9 inches 1405 **0620** 320 mm 12.6 inches 1405 **0632** 400 mm 15.7 inches 1405 **0640** S1 type 200 mm 7.9 inches 1401 **0520** 320 mm 12.6 inches 1401 **0532** 400 mm 15.7 inches 1401 **0540**	3729 **4532**[2]	1 contact NO 3999 **0701** 1 contact NC 3999 **0702**	not required
	3 P + switched neutral	3710 **4003**							
	3 P + solid neutral	3710 **5003**							
CD 30 A J 2	3 P	3710 **3004**	3729 **4014**						
	3 P + switched neutral	3710 **4004**							
	3 P + solid neutral	3710 **5004**							
30 A J 4	2 P	3861 **2004**	Black 3629 **7910**	S1 type Black I - 0 1, 3R, 12 Defeatable 141F **2111** I - 0 4, 4X Defeatable 141D **2111** I - 0 - Test 4, 4X Defeatable 141D **2115**	S1 type Black I - 0 4, 4X 141H **6111** S1 type Red / yellow I - 0 4, 4X 141I **6111**	S1 type 200 mm 7.9 inches 1400 **1020** 320 mm 12.6 inches 1400 **1032** 400 mm 15.7 inches 1400 **1040**	3729 **7540**		
	3 P	3861 **3004**							
	4 P	3861 **6004**							
60 A J 4	2 P	3861 **2005**							
	3 P	3861 **3005**							
	4 P	3861 **6005**							

Common accessories - more available on next pages.
(1) No door interlocking.
(2) Please use with S1 handle

References (continued)

Rating (A) fuses Frame size	No. of poles	Switch body	Direct handle	Front external handles	External right side handle[1]	Shaft for external handle	NFPA79 kit	U-type auxiliary contacts	Terminal shrouds
60 A J 5	2 P	3861 **2006**	Black 3629 **7910**	S2 type Black I - 0 1, 3R, 12 Defeatable 142F **2111** 4, 4X Defeatable 142D **2111**	S2 type Black I - 0 4, 4X 142H **6111** Red / yellow I - 0 4, 4X 142I **6111**	S2 type 200 mm 7.9 inches 1400 **1020** 320 mm 12.6 inches 1400 **1032** 400 mm 15.7 inches 1400 **1040**	3729 **7540**	1 contact type NO 3999 **0701** 1 contact type NC 3999 **0702**	not required
	3 P	3861 **3006**							
	4 P	3861 **6006**							
100 A J 5	2 P	3861 **2010**							
	3 P	3861 **3010**							
	4 P	3861 **6010**							
200 A J 6	2 P	3861 **2020**							3898 **2020**
	3 P	3861 **3020**							3898 **3020**
	4 P	3861 **6020**							3898 **4020**
400 A J 7	2 P	3851 **2038**					3729 **7544**		3898 **2040**
	3 P	3851 **3038**							3898 **3040**
	4 P	3851 **6038**							3898 **6040**
600 A J 8	2 P	3850 **2060**	Black 3859 **6011**	S3 type Black I - 0 1, 3R, 12 Defeatable 143F **3111** 4, 4X Defeatable 143D **3111**		S3 type 200 mm 7.9 inches 1400 **1220** 320 mm 12.6 inches 1400 **1232** 400 mm 15.7 inches 1400 **1240**	3729 **7552**		2 P 3898 **2080** 3 P 3898 **3080** 4 P 3898 **4080**
	3 P	3850 **3060**							
	4 P	3850 **6060**							
800 A L 8	2 P	3850 **2080**							
	3 P	3850 **3080**							
	4 P	3850 **6080**							

Common accessories - more available on next pages.
(1) No door interlocking.

Accessories

Electronic fuse operation indication (FMD)

Use
For fuse cartridge BS88, DIN and UL.

Principle
The FMD detects fuse operation using a bistable relay and a signaling LED.
It can be mounted on a DIN rail, a back plate, next to the FUSERBLOC, or on the door.

References

For FUSERBLOC 100 to 800 A Nb of leds	Type	Operating voltage Ph/Ph	Reference
3	FMD30	120 - 260 VAC	3899 **3120**
3	FMD30	380 - 690 VAC	3899 **3380**

Accessories		Reference
Kit for connection accessories	Standard	3819 **9120**
Kit for connection accessories	Door mounted	3829 **9120**

Relay characteristics

Type	Relay operating current I_e (A) AC-15	DC-13
FMD30	2.5 A	0.2



FMD30
3-leds version

NFPA79 accessories

Flange handle for flange operation

Use

Meets both UL 508A and NFPA 79 requirements.
The handle will operate the switch by cable or rod.

Rating (A)	Type	Nema type	Reference
30 … 200	Standard handle	1, 3, 3R, 4, 12	3729 **9002**(1)
30 … 200	Chrome plated handle	1, 3, 3R, 4, 4X, 12	3729 **9003**(1)

For 400 A rating, please consult us.
(1) Defeatable handle.



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Cable operator

Use

Link between the flange handle and the switch, please order the flange handle, the mechanism and a cable length of your choice.

Rating (A)	Description	Reference
30 … 200	Cable flange mechanism	3729 **9903**

Cable length (inches)	Cable length (mm)	Reference
36	900	3729 **9992**
60	1500	3729 **9993**
120	3000	3729 **9994**

For 400 A rating, please consult us.


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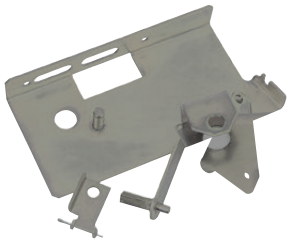
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Rod operator

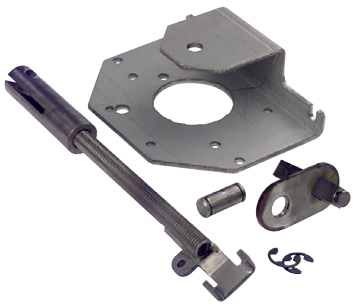
Use

Link between the flange handle and the switch. The rod flange is an economical solution, please order the flange handle and a rod kit.

Rating 30 … 200 A

For enclosure depth (inches)	For enclosure depth (mm)	Reference
8 … 24	203 … 613	3729 **9904**

For 400 A rating, please consult us.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NFPA 79 "Through the door" kit

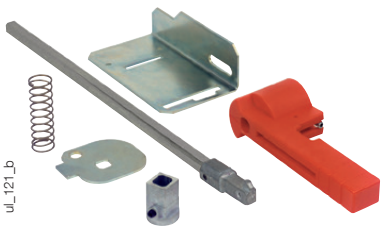
Use

Meets both UL 508A and NFPA 79 requirements.
Allows retrofit of your installations for ratings from 30 to 800 A.
Please order an S-type external handle separately.

Number of auxiliary contact installed on the switch will be limited to 1 layer (instead of 2).
If more needed please use the S type auxiliary contacts.
Delivered with a 12.6 in / 320 mm shaft.
For longer shafts, please consult us.

Rating (A)	Frame size	Reference
CD 30	1/2	3729 **4532**(1)
30 … 200	3 … 6	3729 **7540**
400	7	3729 **7544**
600 … 800	8	3729 **7552**

(1) Please use with S1 handle.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Accessories

Direct handle

Rating (A)	Color	Fuses	Fig.	Reference
CD 30	Black	CC	1	3729 **4012**
CD 30	Black	J	1	3729 **4014**
30 … 400	Black	J	2	3629 **7910**
600 … 800	Black	J / L	2	3859 **6011**


Fig.1


Fig. 2

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External handle

Use

The locking function of the front external handle prevents the user from opening the door of the enclosure when the switch is in the "ON" position, and when the switch is padlocked in the “OFF” position (S1, S2, S3 and S4 type handles only).

Opening the door when the switch is in the "ON" position is possible by defeating the interlocking function with the use of a tool (authorized persons only).

The interlocking function is restored when the door is re-closed.

Front operation

Rating (A)	Frame size	Handle type	Nema type	Test	Handle color	Reference
CD 30	1/2	S0(1)	1, 3R, 12	I - 0	Black	1493 **0111**
CD 30	1/2	S0(1)	1, 3R, 12	I - 0	Red/Yellow	1494 **0111**
CD 30	1/2	S0(1)	4, 4X	I - 0	Black	149D **0111**
CD 30	1/2	S0	4, 4X	I - 0	Red/Yellow	149E **0111**
CD 30 … 60	1/2/4	S1	1, 3R, 12	I - 0	Black	141F **2111**
CD 30 … 60	1/2/4	S1	1, 3R, 12	I - 0	Red/Yellow	141G **2111**
CD 30 … 60	1/2/4	S1	4, 4X	I - 0	Black	141D **2111**
CD 30 … 60	1/2/4	S1	4, 4X	I - 0	Red/Yellow	141E **2111**
CD 30 … 60	1/2/4	S1	4, 4X	I - 0 - Test	Black	141D **2115**
CD 30 … 60	1/2/4	S1	4, 4X	I - 0 - Test	Red/Yellow	141E **2115**
60 … 200	5 … 7	S2	4, 4X	I - 0 - Test	Black	142D **2115**
60 … 200	5 … 7	S2	4, 4X	I - 0 - Test	Red/Yellow	142E **2115**
60 … 400	5 … 7	S2	1, 3R, 12	I - 0	Black	142F **2111**
60 … 400	5 … 7	S2	1, 3R, 12	I - 0	Red/Yellow	142G **2111**
60 … 400	5 … 7	S2	4, 4X	I - 0	Black	142D **2111**
60 … 400	5 … 7	S2	4, 4X	I - 0	Red/Yellow	142E **2111**
600 … 800	8	S3	1, 3R, 12	I - 0	Black	143F **3111**
600 … 800	8	S3	1, 3R, 12	I - 0	Red/Yellow	143G **3111**
600 … 800	8	S3	4, 4X	I - 0	Black	143D **3111**
600 … 800	8	S3	4, 4X	I - 0	Red/Yellow	143E **3111**

(1) S0: No interlock in the OFF position.


S0-type handle

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S- type handle

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S2-type handle

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S3-type handle

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Front handle heavy duty I - 0 with metallic lever

Rating (A)	Frame size	Handle type	Nema type	Test	Handle color	Reference
CD 30 … 60	1/2/4	S1	4, 4X	I - 0	Black	141D **2911**
CD 30 … 60	1/2/4	S1	4, 4X	I - 0	Red/Yellow	141E **2911**
60 … 400	5 … 7	S2	4, 4X	I - 0	Black	142D **2911**
60 … 400	5 … 7	S2	4, 4X	I - 0	Red/Yellow	142E **2911**
600 … 800	8	S3	4, 4X	I - 0	Black	143D **3911**
600 … 800	8	S3	4, 4X	I - 0	Red/Yellow	143E **3911**

Right side operation

Rating (A)	Frame size	Handle type	Nema type	Test	Handle color	Reference
30 … 60	4	S1	4, 4X	I - 0	Black	141H **6111**
30 … 60	4	S1	4, 4X	I - 0	Red/Yellow	141I **6111**
100 … 400	5 … 7	S2	4, 4X	I - 0	Black	142H **6111**
100 … 400	5 … 7	S2	4, 4X	I - 0	Red/Yellow	142I **6111**
600 … 800	8	S3	4, 4X	I - 0	Black	consult us
600 … 800	8	S3	4, 4X	I - 0	Red/Yellow	consult us

S-type handle raiser

Use

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

Dimensions

Increases distance to door by 0.47 in / 12 mm.



Handle color	Pack qty	External degree of protection (IP)	Reference
Black	10	IP65	1493 **0000**

Alternative color S-type handle cover

Use

For single lever handle S-type S1, S2, S3 and double lever handle, type S4.
Other colors: please consult us.



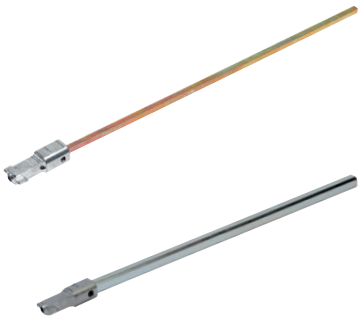
Handle color	Pack qty	Handle type	Reference
Light grey	50	S2, S3	1401 **0001**
Dark grey	50	S2, S3	1401 **0011**
Light grey	50	S4	1401 **0031**
Dark grey	50	S4	1401 **0041**

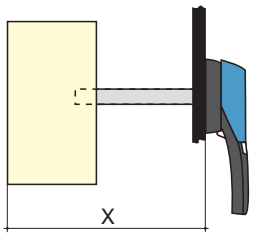
Shaft for external handle

Use

Standard lengths:
- 7.9 in / 200 mm,
- 12.6 in / 320 mm,
- 15.7 in / 400 mm.

Other lengths: please consult us.





Rating (A)	Dimensions X (in)	Dimensions X (mm)	Length (in)	Length (mm)	Reference
CD 30	4.02 ... 9.65	102 ... 245	7.9	200	1405 **0620**
CD 30	4.02 ... 14.37	102 ... 365	12.6	320	1405 **0632**
CD 30	4.02 ... 17.52	102 ... 445	15.7	400	1405 **0640**
CD 30	4.02 ... 9.65	102 ... 245	7.9	200	1401 **0520**
CD 30	4.02 ... 14.37	102 ... 365	12.6	320	1401 **0532**
CD 30	4.02 ... 17.52	102 ... 445	15.7	400	1401 **0540**
30 ... 100	5.3 ... 9.06	135 ... 230	7.9	200	1400 **1020**
30 ... 100	5.3 ... 13.78	135 ... 350	12.6	320	1400 **1032**
30 ... 100	5.3 ... 16.93	135 ... 430	15.7	400	1400 **1040**
30 ... 100	5.3 ... 20.87	135 ... 530	19.7	500	1400 **1050**
200	5.7 ... 9.06	145 ... 230	7.9	200	1400 **1020**
200	5.7 ... 13.78	145 ... 350	12.6	320	1400 **1032**
200	5.7 ... 16.93	145 ... 430	15.7	400	1400 **1040**
200	5.7 ... 20.87	145 ... 530	19.7	500	1400 **1050**
400	7.87 ... 10.24	200 ... 260	7.9	200	1400 **1020**
400	7.87 ... 14.96	200 ... 380	12.6	320	1400 **1032**
400	7.87 ... 18.1	200 ... 460	15.7	400	1400 **1040**
400	7.87 ... 22	200 ... 560	19.7	500	1400 **1050**
600 ... 800	10.63 ... 11.97	270 ... 304	7.9	200	1400 **1220**
600 ... 800	10.63 ... 16.69	270 ... 424	12.6	320	1400 **1232**
600 ... 800	10.63 ... 19.84	270 ... 504	15.7	400	1400 **1240**
600 ... 800	10.63 ... 23.78	270 ... 604	19.7	500	1400 **1250**

Accessories (continued)

External front operation shaft support accessory

Use

This support maintains shaft position for extension shafts greater than 12.6 in / 320 mm in length.

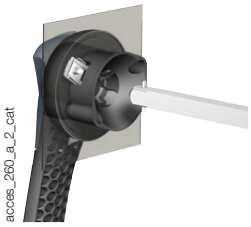


Rating (A)	Frame size	Reference
50 … 400	11 … 16	3899 **0400**

Shaft guide for external handle

Use

This accessory enables handle to engage shaft with a misalignment of up to 0.59 in / 15 mm.
Required for a shaft length over 400 mm for S1 to S3 handles and for a shaft from 12.6 in / 320 mm for S0 handle.



Description	Reference
Shaft guide for S1 to S3 handles	1429 **0000**
Shaft guide for S0 handle	1419 **0000**

U-type auxiliary contacts

Use

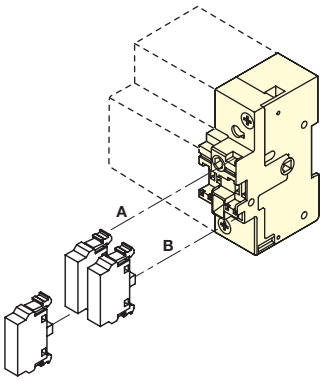
U-type AC can be configured to be operated on both, standard and TEST position switches from CD 30 to 800 A. Each slot can accommodate up to 2 interlocked ACs.

- For CD 30A/CC, a maximum of 4 ACs (8 with an additional holder):
- For CD 30A/J, maximum 2 ACs (6 with an additional holder),
- For 30 to 200A/J, maximum 4 ACs,
- For 400 to 800A/L, maximum 8 ACs.

Electrical characteristics

A600.
When FUSERBLOC is front operated, ACs are prebreak and signaling position I and 0.
When FUSERBLOC is side operated, Acs are signaling positions I and 0.





CD 30 : U-type auxiliary contacts cannot be mounted on switches with direct operation handle

NO auxiliary contacts		
Rating (A)	**Number of contacts**	**Reference**
CD 30 … 800	1	3999 **0701**

NC auxiliary contacts		
Rating (A)	**Number of contacts**	**Reference**
CD 30 … 800	1	3999 **0702**

Contact holder for additional auxiliary contacts		
Rating (A)	**Fuses**	**Reference**
CD 30	CC	3999 **0710**
CD 30	J	3999 **0710**

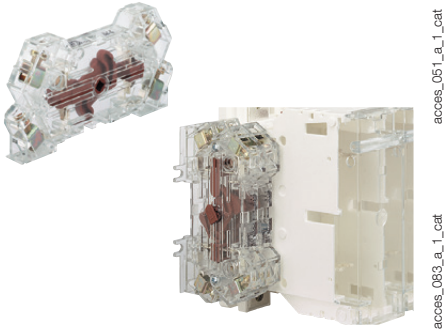
S-type auxiliary contacts

Use

Side operated auxiliary contacts for FUSERBLOC 30 to 400 A, position OFF and ON signalled by 1 to 4 NO + NC auxiliary contacts.

Electrical characteristics

A600/D600.
S-type auxiliary contacts are signaling position I and 0.



NO+NC auxiliary contacts		
Rating (A)	**Number of contacts**	**Reference**
30 … 800	1	3999 **U041**
30 … 800	2	3999 **U042**

Terminal shrouds

Use

Top or bottom protection against direct contact with terminals or connection parts.
2 sets required to fully shroud both line and load terminals.

Front and side operation Rating (A)	No. of poles	Reference[1]
30 … 100	2/3/4 P	as standard
200	2 P	3898 **2020**
200	3 P	3898 **3020**
200	4 P	3898 **4020**
400	2 P	3898 **2040**[2]
400	3 P	3898 **3040** [2]
400	4 P	3898 **6040** [2]
600 … 800	2 P	3898 **2080**[3]
600 … 800	3 P	3898 **3080**[3]
600 … 800	4 P	3898 **4080**[3]

(1) Top or bottom. (2) Not compatible with 2 wire lugs (3954x041). (3) Line side delivered as standard.



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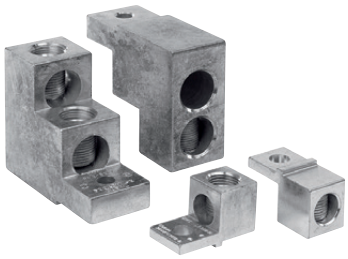
Terminals lugs

Use

Connection of cables to the terminals.

Rating (A)	Wires range	No wires per lug	Lugs per kit	Wires	Reference
CD 30	#14 - #10	1		Cu	as standard
30	#14 - #10	1		Cu	as standard
30 … 60	#10 - #6	1		Cu	as standard
60 … 100	#12 - #1	1		Cu	as standard
200	#6 - 300MCM	1	2	Cu / Al	3954 **2020**
200	#6 - 300MCM	1	3	Cu / Al	3954 **3020**
200	#6 - 300MCM	1	4	Cu / Al	3954 **4020**
400	#2 - 600MCM	1	2	Cu / Al	3954 **2040**
400	#2 - 600MCM	1	3	Cu / Al	3954 **3040**
400	#2 - 600MCM	1	4	Cu / Al	3954 **4040**
400	2 x (#6 - 350 MCM)	2	2	Cu / Al	3954 **2041**
400	2 x (#6 - 350 MCM)	2	3	Cu / Al	3954 **3041**
400	2 x (#6 - 350 MCM)	2	4	Cu / Al	3954 **4041**
600 … 800	2 x (#2 - 600MCM)	1	2	Cu / Al	3954 **2060**
600 … 800	2 x (#2 - 600MCM)	2	3	Cu / Al	3954 **3060**
600 … 800	2 x (#2 - 600MCM)	2	4	Cu / Al	3954 **4060**



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Solid links

Rating (A)	Fuses	No of links per kit	Reference
100	J	3	3799 **9010**
200	J	3	3799 **9020**
400	J	3	3799 **9040**
600 … 800	J / L	3	3799 **9080**



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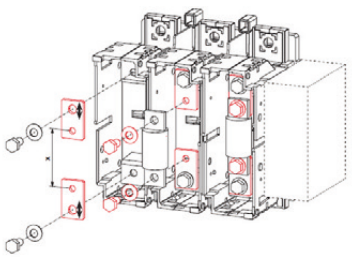
Class T fuse adapter

Use

The adapter makes it possible to fit class T fuses in the FUSERBLOC fuse switches.

Rating (A)	Size Class T fuse (in)	Size Class T fuse (mm)	No. of poles	Reference
100	2.34	59.5	3 P	3729 **8010**
200	2.48	63	3 P	3729 **8020**
400	2.71	69	3 P	3729 **8040**
600	2.95	75	3 P	3729 **8060**
800	3.17	80.5	3 P	3729 **8080**



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Characteristics according to UL 98/CSA 22.2 #4

CD 30 to 800 A

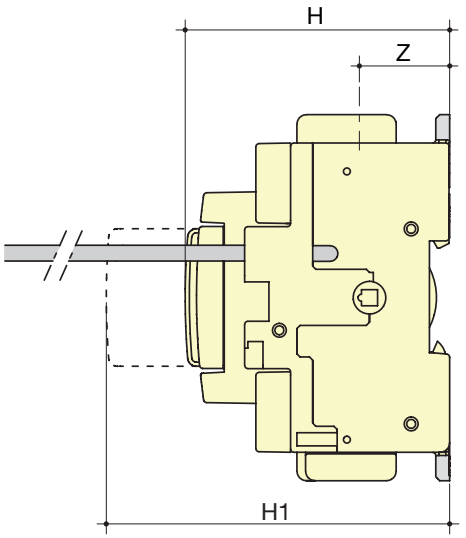
Characteristics UL and CSA	CD 30 A[3]	CD 30 A[3]	30 A	60 A	60 A	100 A	200 A	400 A	600 A	800 A
Short circuit rating at 600 VAC (kA)	100	100	200	100	200	200	200	200	200	200
Type of fuse	CC	J	J	J	J	J	J	J	J	L
Max. fuse rating (A)	30	30	30	60	60	100	200	400	600	800
Max. motor hp / FLA 1 ph motor max.										
120 VAC	2 / 24	2 / 24	2 / 24	5 / 56	5 / 56	7.5 / 80	15 / 135	-	-	-
240 VAC	5 / 28	5 / 28	5 / 28	10 / 50	10 / 50	20 / 88	40 / 176	50 / 216	-	-
Max. motor hp / FLA 3 ph motor max.										
220-240 VAC	7.5 / 22	7.5 / 22	7.5 / 22	15 / 42	15 / 42	30 / 80	60 / 154	125 / 312	200 / 480	200 / 480
440-480 VAC	15 / 21	15 / 21	15 / 21	30 / 40	30 / 40	60 / 77	125 / 156	250 / 302	500 / 590	500 / 590
600 VAC	20 / 22	20 / 22	20 / 22	50 / 52	50 / 52	75 / 77	150 / 144	350 / 336	500 / 472	500 / 472
125 VDC[1]	3 / 25	3 / 25	3 / 25	3 / 25	3 / 25	7.5 / 58	15 / 112	20 / 148	-	-
250 VDC[2]	5 / 20	5 / 20	5 / 20	10 / 38	10 / 38	20 / 38	40 / 140	50 / 173	-	-
Mechanical endurance										
Endurance (number of operating cycles)	10 000	10 000	10 000	10 000	10 000	10 000	8 000	6 000	5 000	5 000
Operating torque (lbs.in / Nm)	31 / 3.5	31 / 3.5	71 / 8	71 / 8	71 / 8	71 / 8	90 / 10.2	150 / 17	586 / 66.2	586 / 66.2
Connection										
Min. connection cross-section/ (mm^2)[2]	#14	#14	#14 [4] [5]	#14 [4] [5]	#10	#10	#6	#2 or 2 x #6	2 x #2	2 x #2
Max. connection cross-section/ (mm^2)[2]	#10	#10	#10 [4] [6]	#10 [4] [6]	#2/0	#2/0	300MCM	600MCM or 2 x 350MCM	2 x 600MCM	2 x 600MCM

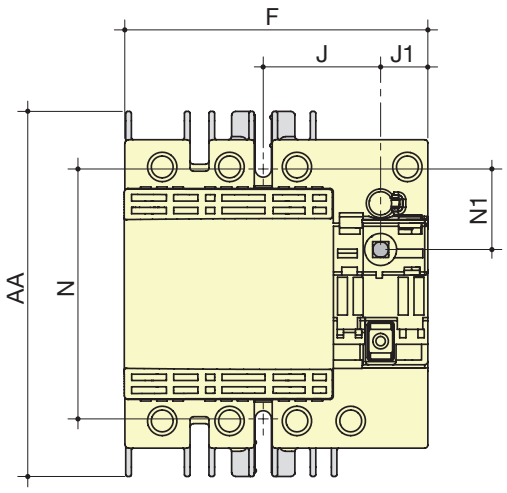
Common accessories - more available on next pages.

(1) 2 pole in series.
(2) 3 pole in series.
(3) UL 489/CSA22.2 #5. (4) Double wire solid Cu min and max 2 x #10
(4) Double wire solid Cu min and max 2 x #10
(5) Double wire stranded Cu min 2 x #12
(6) Double wire stranded Cu max 2 x #10

Dimensions (in/mm)

CD 30 A / CC - Frame size 1

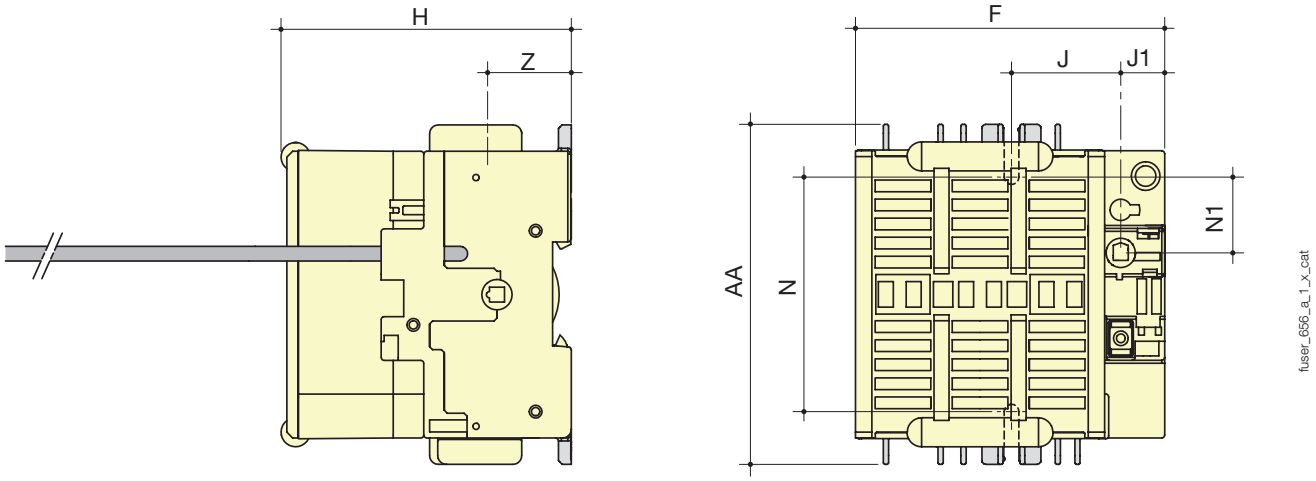




fuser_655_a_1_x_cat

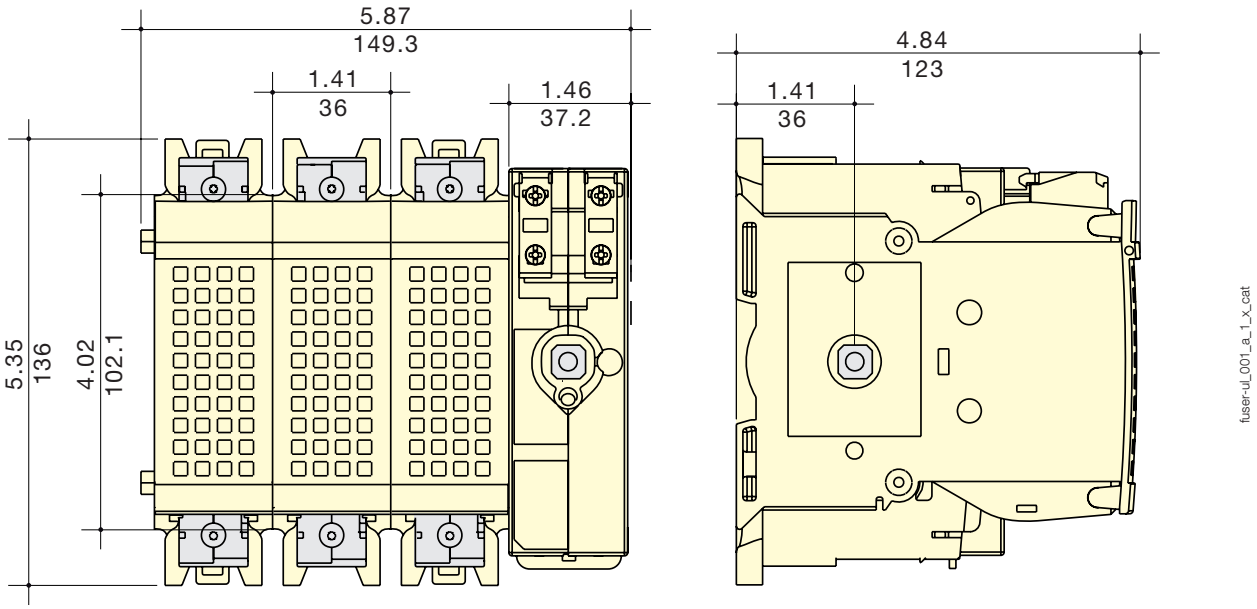
Rating (A) / Fuse	Unit	Switch body					Switch mounting		Connection	
		F	H	H1	J	J1	N	N1	AA	Z
CD 30 A / CC	in	3.78	3.28	5.19	1.47	0.59	3.13	1	4.56	1.12
	mm	96	83.5	132	37.5	15	79.5	25.5	116	28.5

CD 30 A / J - Frame size 2



Rating (A) / Fuse	Unit	Switch body				Switch mounting		Connection	
		F	H	J	J1	N	N1	AA	Z
CD 30 A / J	in	4.13	3.89	1.47	0.59	3.30	1	4.56	1.12
	mm	105	99	37.5	15	84	25.5	116	28.5

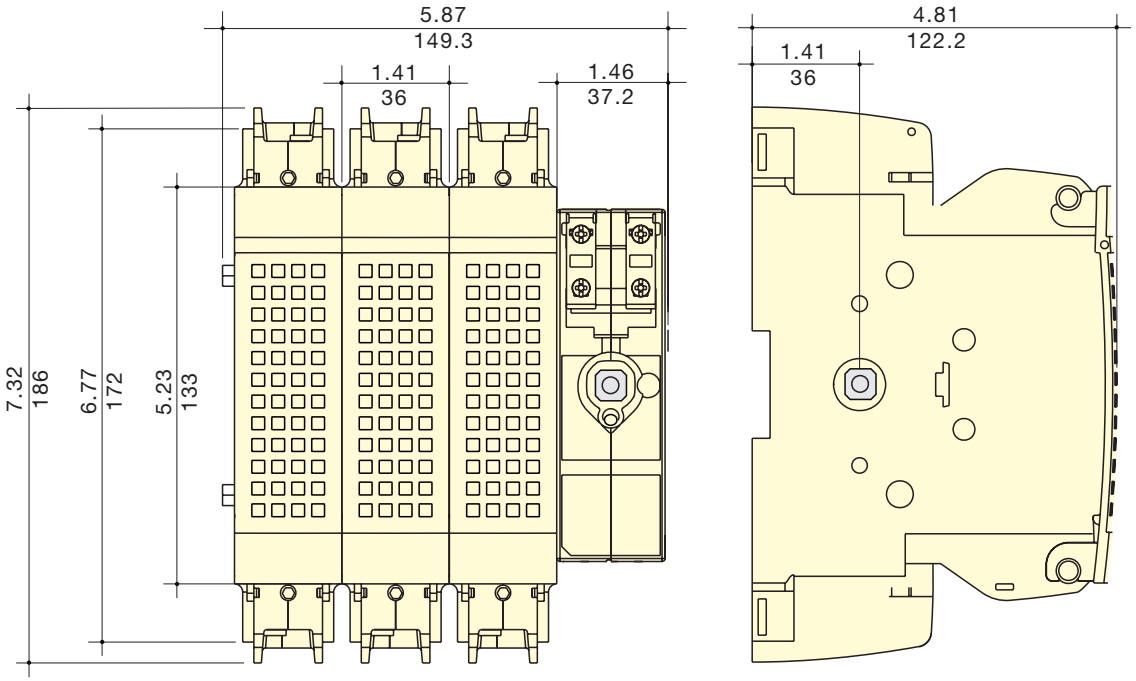
30 to 60 A / J - Frame size 4



Note for width:
For 2 pole device decrease overall width by 1.41 in / 36 mm.
For 4 pole device increase overall width by 1.41 in / 36 mm.

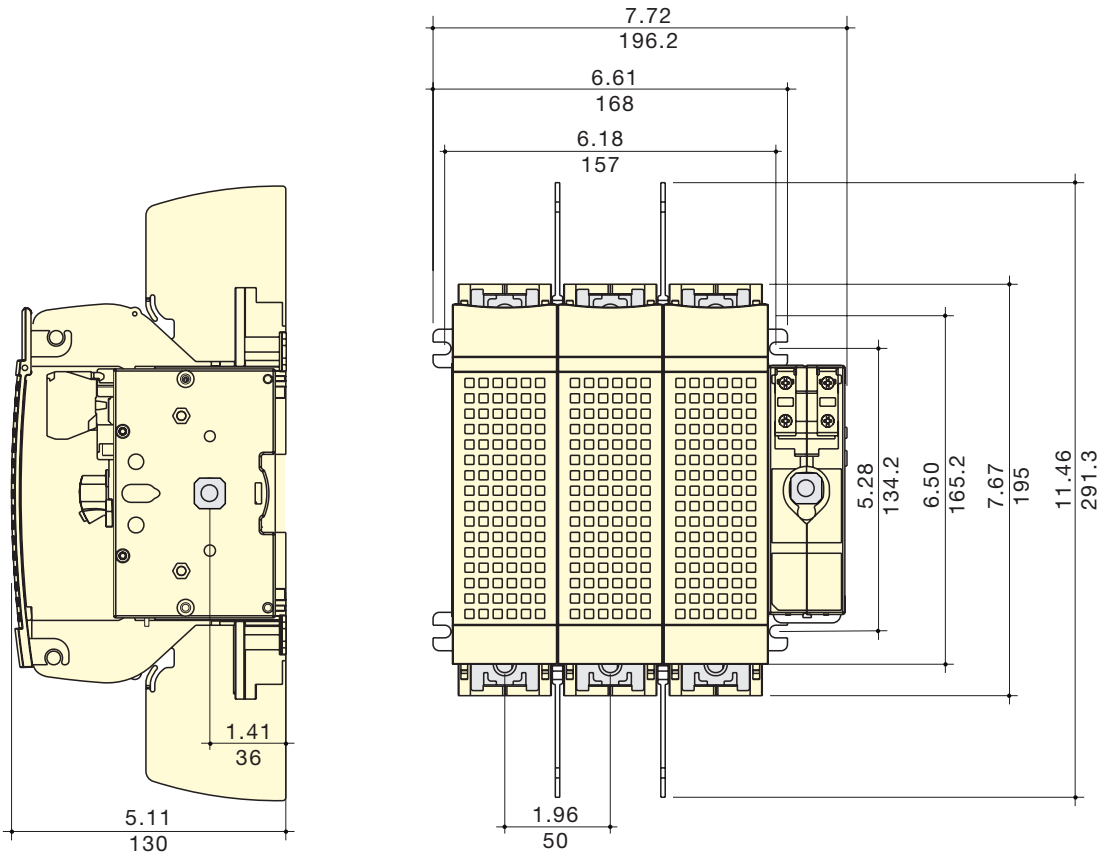
Dimensions (in/mm) (continued)

60 to 100 A / J - Frame size 5



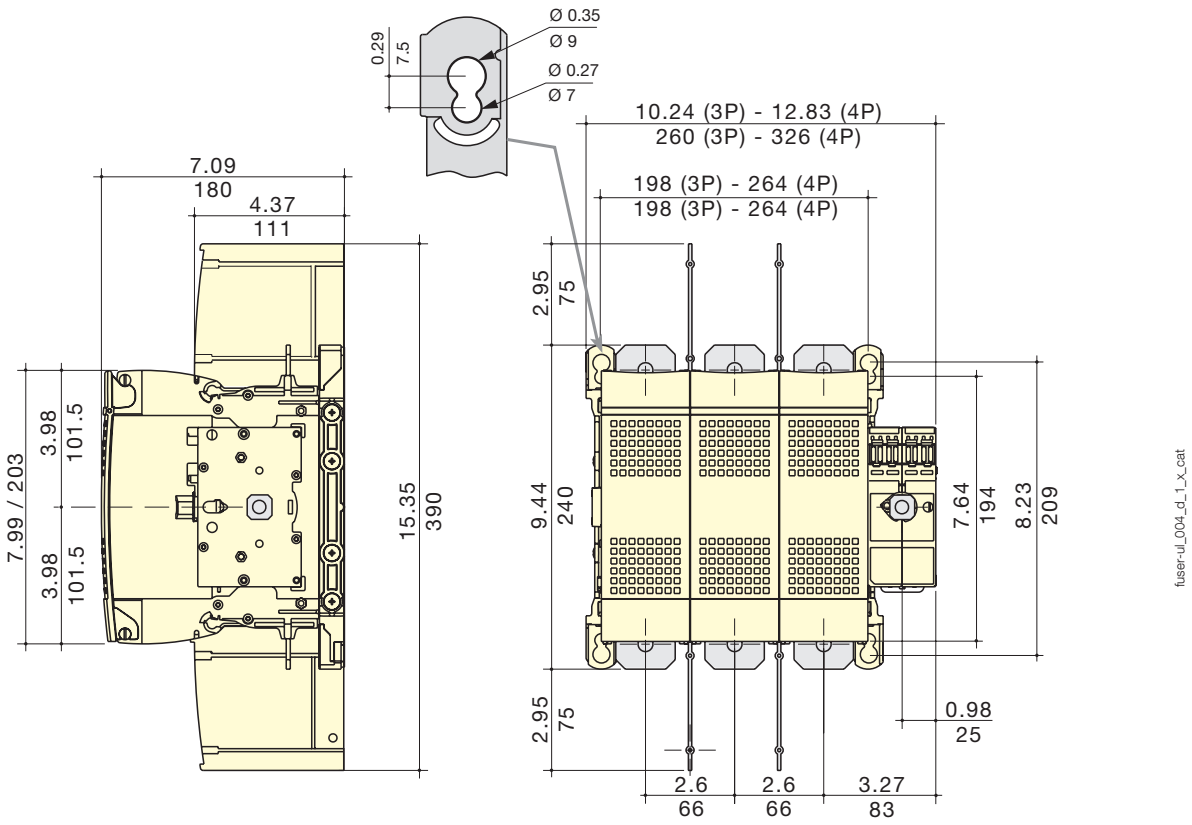
Note for width :
For 2 pole device decrease overall width by 1.41 in / 36 mm.
For 4 pole device increase overall width by 1.41 in / 36 mm.

200 A / J - Frame size 6



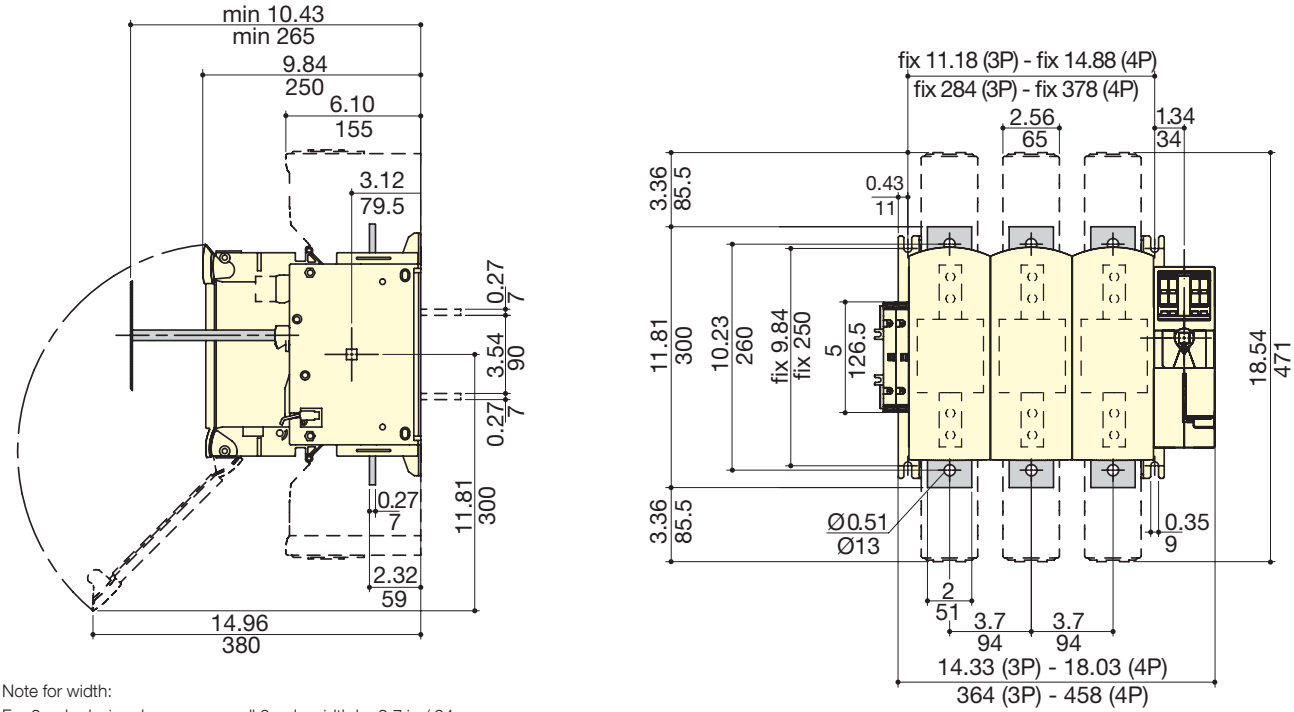
Note for width:
For 2 pole device decrease overall width by 1.96 in / 50 mm.
For 4 pole device increase overall width by 1.96 in / 50 mm.

400 A / J - Frame size 7



Note for width:
For 2 pole device decrease overall 3 pole width by 2.59 in / 66 mm.

600 to 800 A / J - Frame size 8

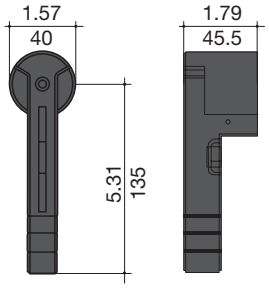


Note for width:
For 2 pole device decrease overall 3 pole width by 3.7 in / 94 mm.

Dimensions (in/mm) (continued)

30 to 400 A

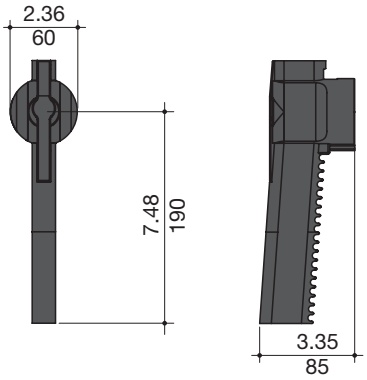
Front direct handle



sirco-ul_027_a_1_x_cat

600 to 800 A

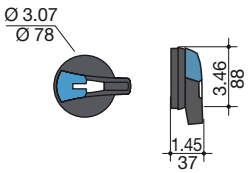
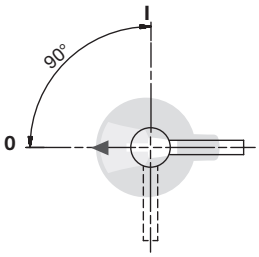
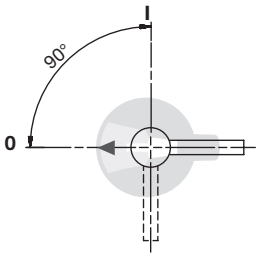
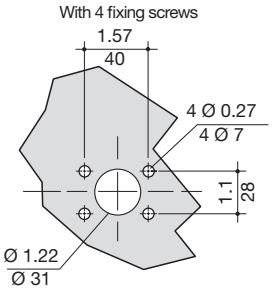
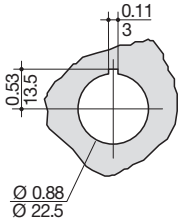
Front direct handle



sirco_267_b_1_x_cat

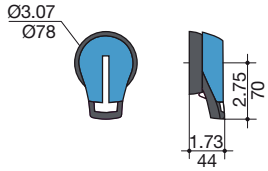
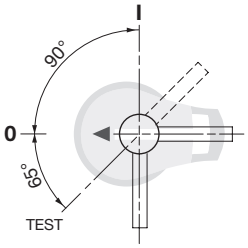
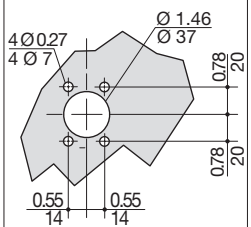
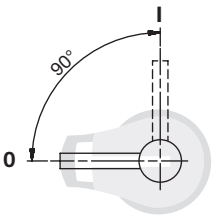
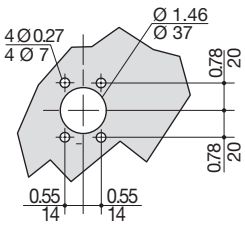
External handle dimensions (in/mm)

CD 30 A - Frame size 1 / 2

Handle type	Front operation Direction of operation	Side operation Direction of operation	Door drilling
S0 type 			With 4 fixing screws  With fixing nut 

fuser-ul_015_a_1_qb_cat

CD 30 to 60 A - Frame size 1 / 2 / 4

Handle type	Front operation Direction of operation	Front operation Door drilling	Side operation[1] Direction of operation	Side operation[1] Door drilling
S1 type 				

fuser-ul_015_b_1_qb_cat

(1) Not for frames 1 and 2.

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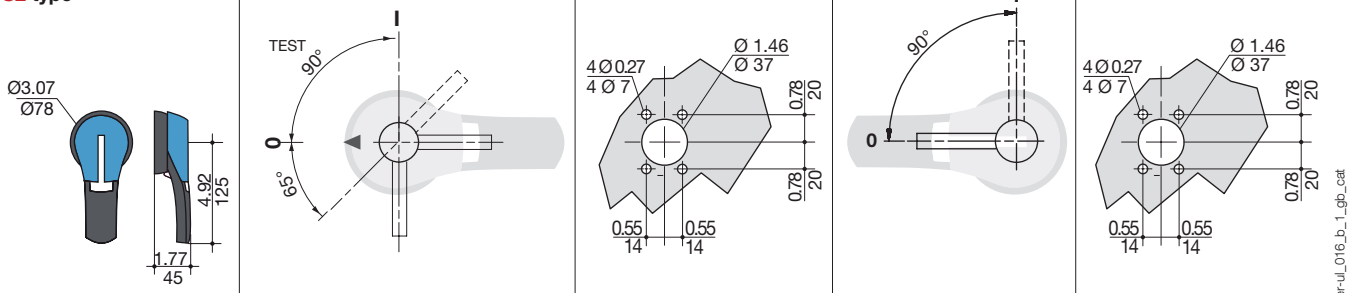
External handle dimensions (in/mm)

60 to 400 A - Frame size 5 / 6 / 7

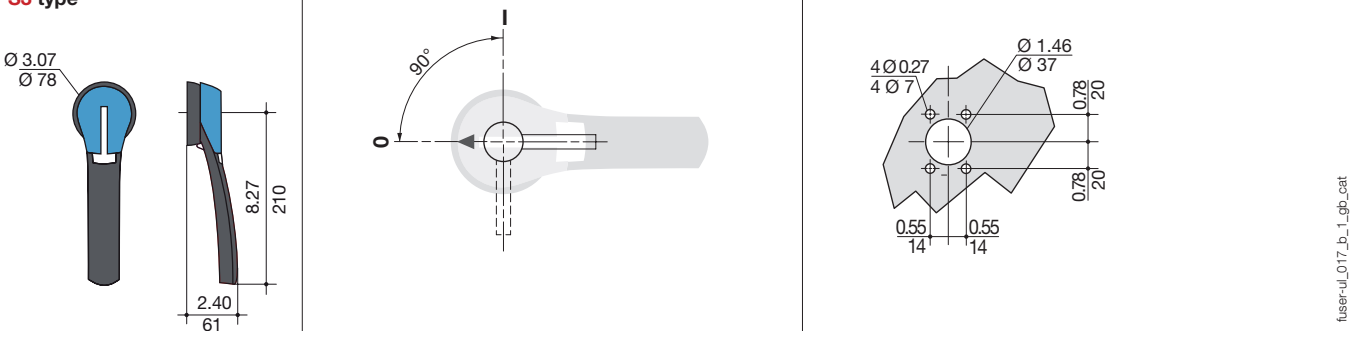
Handle type	Front operation		Side operation	
	Direction of operation	Door drilling	Direction of operation	Door drilling
S2 type				



fuser-ul_016_b_1_gb_cat

600 and 800 A - Frame size 8

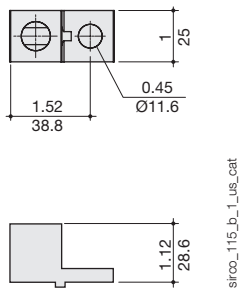
Handle type	Front operation	
	Direction of operation	Door drilling
S3 type		



fuser-ul_017_b_1_gb_cat

Terminal lugs (in/mm)

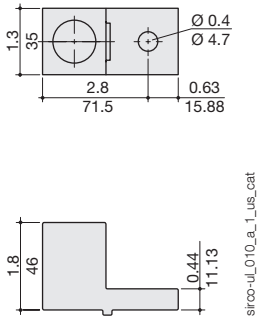
200 A



sirco_115_b_1_us_cat

300 kcmil

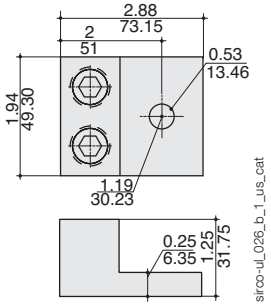
400 A



sirco-ul_010_a_1_us_cat

600 kcmil

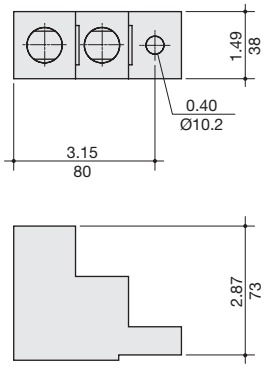
400 A



sirco-ul_026_b_1_us_cat

2 x 350 kcmil

600 to 800 A



sirco_116_b_1_us_cat

2 x 600 kcmil max