

Product Reference - MCB



Single Pole

Description	In(A)	Reference		
		'B' Curve	'C' Curve	'D' Curve
Single Pole 	0.5		CSMB1C0.5	CSMB1D0.5
	1		CSMB1C1	CSMB1D1
	2		CSMB1C2	CSMB1D2
	3		CSMB1C3	CSMB1D3
	4		CSMB1C4	CSMB1D4
	5		CSMB1C5	CSMB1D5
	6	CSMB1B6	CSMB1C6	CSMB1D6
	10	CSMB1B10	CSMB1C10	CSMB1D10
	16	CSMB1B16	CSMB1C16	CSMB1D16
	20	CSMB1B20	CSMB1C20	CSMB1D20
	25	CSMB1B25	CSMB1C25	CSMB1D25
	32	CSMB1B32	CSMB1C32	CSMB1D32
	40	CSMB1B40	CSMB1C40	CSMB1D40
	50	CSMB1B50	CSMB1C50	CSMB1D50
	63	CSMB1B63	CSMB1C63	CSMB1D63
	80		CSMB1C80	
	100		CSMB1C100	
	125		CSMB1C125	
Single Pole + Neutral 	0.5		CSMB1C0.5N	CSMB1D0.5N
	1		CSMB1C1N	CSMB1D1N
	2		CSMB1C2N	CSMB1D2N
	3		CSMB1C3N	CSMB1D3N
	4		CSMB1C4N	CSMB1D4N
	5		CSMB1C5N	CSMB1D5N
	6	CSMB1B6N	CSMB1C6N	CSMB1D6N
	10	CSMB1B10N	CSMB1C10N	CSMB1D10N
	16	CSMB1B16N	CSMB1C16N	CSMB1D16N
	20	CSMB1B20N	CSMB1C20N	CSMB1D20N
	25	CSMB1B25N	CSMB1C25N	CSMB1D25N
	32	CSMB1B32N	CSMB1C32N	CSMB1D32N
	40	CSMB1B40N	CSMB1C40N	CSMB1D40N
	50	CSMB1B50N	CSMB1C50N	CSMB1D50N
	63	CSMB1B63N	CSMB1C63N	CSMB1D63N
Double Pole 	0.5		CSMB2C0.5	CSMB2D0.5
	1		CSMB2C1	CSMB2D1
	2		CSMB2C2	CSMB2D2
	3		CSMB2C3	CSMB2D3
	4		CSMB2C4	CSMB2D4
	5		CSMB2C5	CSMB2D5
	6	CSMB2B6	CSMB2C6	CSMB2D6
	10	CSMB2B10	CSMB2C10	CSMB2D10
	16	CSMB2B16	CSMB2C16	CSMB2D16
	20	CSMB2B20	CSMB2C20	CSMB2D20
	25	CSMB2B25	CSMB2C25	CSMB2D25
	32	CSMB2B32	CSMB2C32	CSMB2D32
	40	CSMB2B40	CSMB2C40	CSMB2D40
	50	CSMB2B50	CSMB2C50	CSMB2D50
	63	CSMB2B63	CSMB2C63	CSMB2D63
	80		CSMB2C80	
	100		CSMB2C100	
	125		CSMB2C125	



Single Pole + Neutral



Double Pole



Three Pole

Three Pole



0.5
1
2
3
4
5
6
10
16
20
25
32
40
50
63
80
100
125

'B' Curve

Reference

'C' Curve

'D' Curve

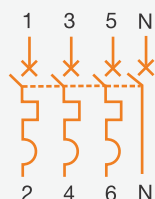
CSMB3C0.5
CSMB3C1
CSMB3C2
CSMB3C3
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CSMB3C5
CSMB3C6
CSMB3C10
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CSMB3C20
CSMB3C25
CSMB3C32
CSMB3C40
CSMB3C50
CSMB3C63
CSMB3C80
CSMB3C100
CSMB3C125

CSMB3D0.5
CSMB3D1
CSMB3D2
CSMB3D3
CSMB3D4
CSMB3D5
CSMB3D6
CSMB3D10
CSMB3D16
CSMB3D20
CSMB3D25
CSMB3D32
CSMB3D40
CSMB3D50
CSMB3D63



Three Pole + Neutral

Three Pole
+ Neutral



0.5
1
2
3
4
5
6
10
16
20
25
32
40
50
63
80
100
125

CSMB3B6N
CSMB3B10N
CSMB3B16N
CSMB3B20N
CSMB3B25N
CSMB3B32N
CSMB3B40N
CSMB3B50N
CSMB3B63N

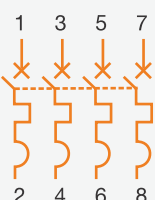
CSMB3C0.5N
CSMB3C1N
CSMB3C2N
CSMB3C3N
CSMB3C4N
CSMB3C5N
CSMB3C6N
CSMB3C10N
CSMB3C16N
CSMB3C20N
CSMB3C25N
CSMB3C32N
CSMB3C40N
CSMB3C50N
CSMB3C63N
CSMB3C80N
CSMB3C100N
CSMB3C125N

CSMB3D0.5N
CSMB3D1N
CSMB3D2N
CSMB3D3N
CSMB3D4N
CSMB3D5N
CSMB3D6N
CSMB3D10N
CSMB3D16N
CSMB3D20N
CSMB3D25N
CSMB3D32N
CSMB3D40N
CSMB3D50N
CSMB3D63N



Four Pole

Four Pole



0.5
1
2
3
4
5
6
10
16
20
25
32
40
50
63
80
100
125

CSMB4B6
CSMB4B10
CSMB4B16
CSMB4B20
CSMB4B25
CSMB4B32
CSMB4B40
CSMB4B50
CSMB4B63

CSMB4C0.5
CSMB4C1
CSMB4C2
CSMB4C3
CSMB4C4
CSMB4C5
CSMB4C6
CSMB4C10
CSMB4C16
CSMB4C20
CSMB4C25
CSMB4C32
CSMB4C40
CSMB4C50
CSMB4C63
CSMB4C80
CSMB4C100
CSMB4C125

CSMB4D0.5
CSMB4D1
CSMB4D2
CSMB4D3
CSMB4D4
CSMB4D5
CSMB4D6
CSMB4D10
CSMB4D16
CSMB4D20
CSMB4D25
CSMB4D32
CSMB4D40
CSMB4D50
CSMB4D63

Product Reference - Isolator & Accessories



Single Pole



Double Pole



Three Pole



Four Pole

Description	In(A)	Reference
Single Pole 	25	CSMB1ISO25
	40	CSMB1ISO40
	63	CSMB1ISO63
	80	CSMB1ISO80
	100	CSMB1ISO100
	125	CSMB1ISO125
Double Pole 	25	CSMB2ISO25
	40	CSMB2ISO40
	63	CSMB2ISO63
	80	CSMB2ISO80
	100	CSMB2ISO100
	125	CSMB2ISO125
Three Pole 	25	CSMB3ISO25
	40	CSMB3ISO40
	63	CSMB3ISO63
	80	CSMB3ISO80
	100	CSMB3ISO100
	125	CSMB3ISO125
Four Pole 	25	CSMB4ISO25
	40	CSMB4ISO40
	63	CSMB4ISO63
	80	CSMB4ISO80
	100	CSMB4ISO100
	125	CSMB4ISO125

Accessories

Auxiliary Contact

Attachment fitted with MCB (left side) used for interlocking, signaling and indication. The auxiliary switch is switched on or off along with the MCB through internal linkage.

Specifications

Standard Conformity	IEC 60947-1
Current Rating	6A
Voltage Rating	240V AC
Contact Configuration	1NO + 1NC
Protection	IP 20
Electrical Endurance (nos)	10000
Fitment	Factory/Site Fitted

Shunt Trip

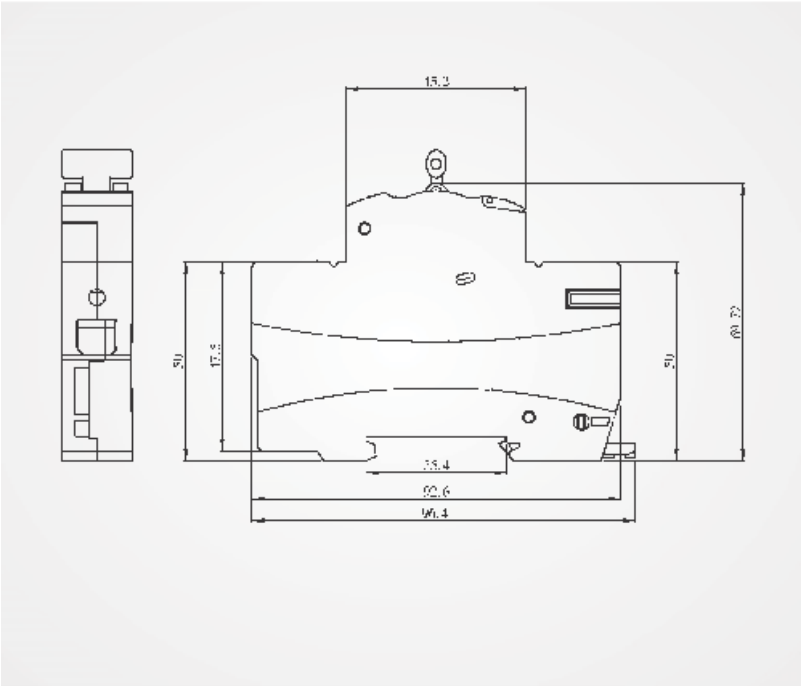
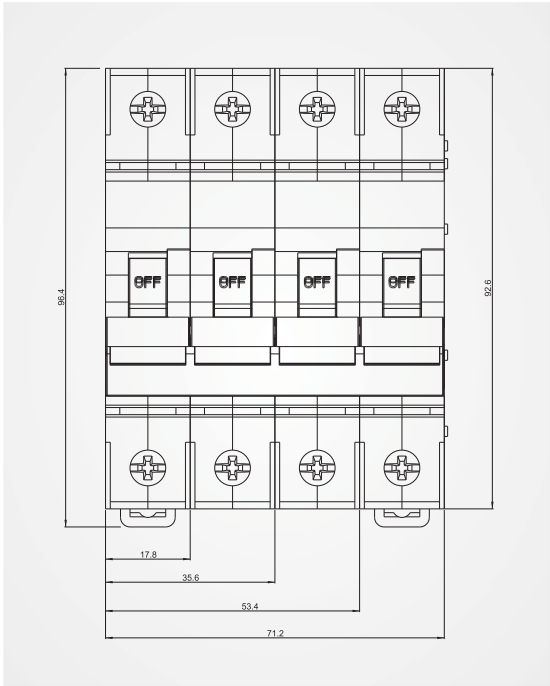
Controls the remote tripping of the MCB to which it is attached (Right Side).

Specifications

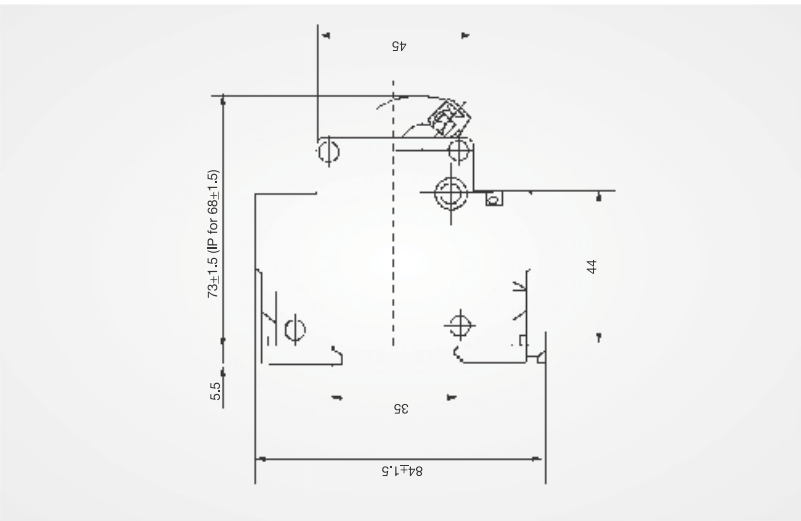
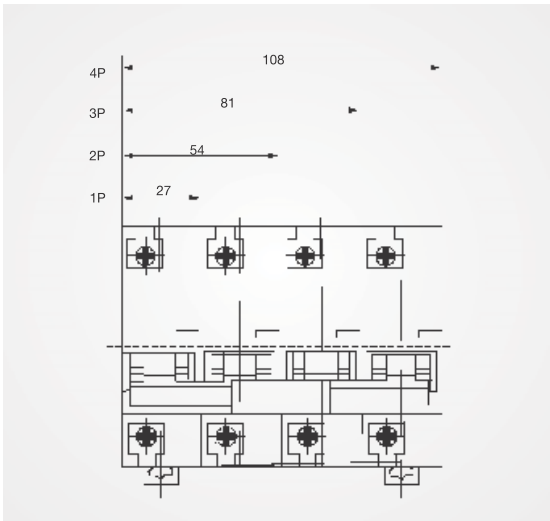
Standard Conformity	IEC 60947-1
Rated Voltage AC	110V, 220V
DC	12V, 24V, 48V
Operating Voltage	70-110% of Rated Voltage
Protection	IP 20
Electrical Endurance (nos)	10000
Fitment	Factory/Site Fitted

Dimensions

Installation Dimensions - MCB (.05 to 63A) / Isolator (25 to 63A)



Installation Dimensions MCB (80 to 125A)



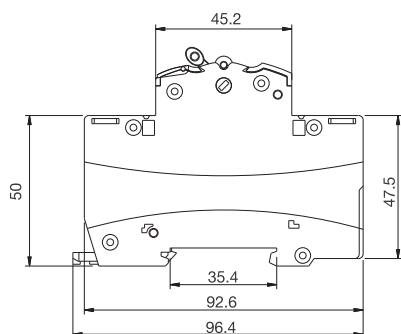


Two way centre OFF Changeover Switch

Proven & trusted product from C&S WiNtrip

Feature

- Compact Design
- Double Break Contacts
- Shrouded Terminal
- Can be Mounted with other products like MCB, RCCB, Isolator in Distribution Board
- Front Operation with three positions
I-O-II Mid position OFF



Technical Data

Standard: IS/IEC60947-3:1999

No. of Pole: 2P & 4P

Rated operational voltage: 240 / 415V

Rated current: 25A, 40A & 63A

Rated frequency: 50Hz

Rated insulation voltage: 660V

Dielectric Strength: 2.5KV

Rated impulse Voltage: 4KV

Utilization Categories: AC 22A

Working Temperature: -5°C to +55°C

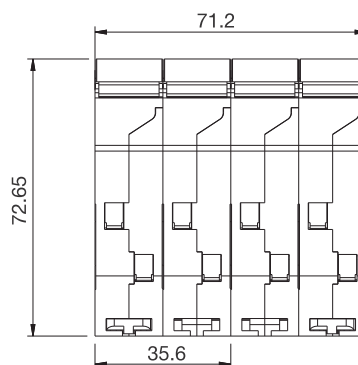
Mechanical Life: 15000

Electrical Life: 10000

Mounting: Clip on din rail

Mounting Position: Vertical / Horizontal

Terminal capacity: 16mm²



WiNtrip 2

Miniature Circuit Breaker

Technical Data

MCB-AC

Specifications	WiNtrip2 MCB			WiNtrip2 Isolator
Type	'B'	'C'	'D'	
Standard Conformity	IS/IEC60898-1-2002			IEC60947-3
Rated Current (In)	6-63A	0.5-63A	0.5-63A	25-63A
Rated Voltage AC (Ue)	240/415V			240/415V
Utilization Category	–			AC22A
Rated Frequency Hz	50/60Hz			50/60Hz
No. of Poles (Execution)	1P, 1P+N, 2P, 3P, 3P+N & 4P			1P, 2P, 3P & 4P
Rated Short Circuit Breaking Capacity	10kA			–
Rated Insulation Voltage (Ui)	660V			660V
Magnetic Release Setting	(3-5)In	(5-10)In	(10-20)In	
Rated Impulse Voltage (Uimp)	4kV			6kV
Electrical/Mechanical Life	<32A			30,000
	>32A			10,000
Energy Limiting Class	ELC 3			
Mounting	Clip on Din rail (35x7.5 mm)			Clip on Din rail (35x7.5 mm)
Line Terminal Capacity	35 mm ²			35 mm ²
Load Terminal Capacity	35 mm ²			35 mm ²
Degree of Protection	IP 20			IP 20
Resistance to Shock	40mm free fall			40mm free fall
Ambient working temperature	- 5°C to 55°C			
Ambient reference temperature	30°C			
Installation Position	Vertical/Horizontal			Vertical/Horizontal
Bi-connect terminal	Both side			Both side

Operational voltage (Un): 240/415V, 50/60Hz can be used in systems upto 60V DC in SP and 110V DC in 2P

Breaking Capacity: 10KA as per IS/IEC 60898-1

MCB-DC

Circuit Breakers for DC application are engineered to fulfill tough arc quenching conditions. DC MCB incorporates built in magnet to direct the arc into the arc quenching chamber.

Specifications	WiNtrip2 MCB
Standard Conformity	IS/IEC60898-2-2003
Current Rating	0.5-63A
No. of Poles	1P & 2P
Voltage Rating	220V (max.)
Short Circuit Breaking Capacity	10kA

Product Reference - MCB



Rating (A)	'B' Curve	'C' Curve	'D' Curve
	Reference	Reference	Reference
1 Pole			
0.5	-	CSMBS1C0.5	CSMBS1D0.5
01	-	CSMBS1C1	CSMBS1D1
02	-	CSMBS1C2	CSMBS1D2
03	-	CSMBS1C3	CSMBS1D3
04	-	CSMBS1C4	CSMBS1D4
05	-	CSMBS1C5	CSMBS1D5
06	CSMBS1B6	CSMBS1C6	CSMBS1D6
10	CSMBS1B10	CSMBS1C10	CSMBS1D10
16	CSMBS1B16	CSMBS1C16	CSMBS1D16
20	CSMBS1B20	CSMBS1C20	CSMBS1D20
25	CSMBS1B25	CSMBS1C25	CSMBS1D25
32	CSMBS1B32	CSMBS1C32	CSMBS1D32
40	CSMBS1B40	CSMBS1C40	CSMBS1D40
50	CSMBS1B50	CSMBS1C50	CSMBS1D50
63	CSMBS1B63	CSMBS1C63	CSMBS1D63
2 Pole			
0.5	-	CSMBS2C0.5	CSMBS2D0.5
01	-	CSMBS2C1	CSMBS2D1
02	-	CSMBS2C2	CSMBS2D2
03	-	CSMBS2C3	CSMBS2D3
04	-	CSMBS2C4	CSMBS2D4
05	-	CSMBS2C5	CSMBS2D5
06	CSMBS2B6	CSMBS2C6	CSMBS2D6
10	CSMBS2B10	CSMBS2C10	CSMBS2D10
16	CSMBS2B16	CSMBS2C16	CSMBS2D16
20	CSMBS2B20	CSMBS2C20	CSMBS2D20
25	CSMBS2B25	CSMBS2C25	CSMBS2D25
32	CSMBS2B32	CSMBS2C32	CSMBS2D32
40	CSMBS2B40	CSMBS2C40	CSMBS2D40
50	CSMBS2B50	CSMBS2C50	CSMBS2D50
63	CSMBS2B63	CSMBS2C63	CSMBS2D63
3 Pole			
0.5	-	CSMBS3C0.5	CSMBS3D0.5
01	-	CSMBS3C1	CSMBS3D1
02	-	CSMBS3C2	CSMBS3D2
03	-	CSMBS3C3	CSMBS3D3
04	-	CSMBS3C4	CSMBS3D4
05	-	CSMBS3C5	CSMBS3D5
06	CSMBS3B6	CSMBS3C6	CSMBS3D6
10	CSMBS3B10	CSMBS3C10	CSMBS3D10
16	CSMBS3B16	CSMBS3C16	CSMBS3D16
20	CSMBS3B20	CSMBS3C20	CSMBS3D20
25	CSMBS3B25	CSMBS3C25	CSMBS3D25
32	CSMBS3B32	CSMBS3C32	CSMBS3D32
40	CSMBS3B40	CSMBS3C40	CSMBS3D40
50	CSMBS3B50	CSMBS3C50	CSMBS3D50
63	CSMBS3B63	CSMBS3C63	CSMBS3D63



Rating (A)	'B' Curve	'C' Curve	'D' Curve
	Reference	Reference	Reference
4 Pole			
0.5	-	CSMBS4C0.5	CSMBS4D0.5
01	-	CSMBS4C1	CSMBS4D1
02	-	CSMBS4C2	CSMBS4D2
03	-	CSMBS4C3	CSMBS4D3
04	-	CSMBS4C4	CSMBS4D4
05	-	CSMBS4C5	CSMBS4D5
06	CSMBS4B6	CSMBS4C6	CSMBS4D6
10	CSMBS4B10	CSMBS4C10	CSMBS4D10
16	CSMBS4B16	CSMBS4C16	CSMBS4D16
20	CSMBS4B20	CSMBS4C20	CSMBS4D20
25	CSMBS4B25	CSMBS4C25	CSMBS4D25
32	CSMBS4B32	CSMBS4C32	CSMBS4D32
40	CSMBS4B40	CSMBS4C40	CSMBS4D40
50	CSMBS4B50	CSMBS4C50	CSMBS4D50
63	CSMBS4B63	CSMBS4C63	CSMBS4D63
1Pole + Neutral			
0.5	-	CSMBS1C0.5N	CSMBS1D0.5N
01	-	CSMBS1C1N	CSMBS1D1N
02	-	CSMBS1C2N	CSMBS1D2N
03	-	CSMBS1C3N	CSMBS1D3N
04	-	CSMBS1C4N	CSMBS1D4N
05	-	CSMBS1C5N	CSMBS1D5N
06	CSMBS1B6N	CSMBS1C6N	CSMBS1D6N
10	CSMBS1B10N	CSMBS1C10N	CSMBS1D10N
16	CSMBS1B16N	CSMBS1C16N	CSMBS1D16N
20	CSMBS1B20N	CSMBS1C20N	CSMBS1D20N
25	CSMBS1B25N	CSMBS1C25N	CSMBS1D25N
32	CSMBS1B32N	CSMBS1C32N	CSMBS1D32N
40	CSMBS1B40N	CSMBS1C40N	CSMBS1D40N
50	CSMBS1B50N	CSMBS1C50N	CSMBS1D50N
63	CSMBS1B63N	CSMBS1C63N	CSMBS1D63N
3 Pole + Neutral			
0.5	-	CSMBS3C0.5N	CSMBS3D0.5N
01	-	CSMBS3C1N	CSMBS3D1N
02	-	CSMBS3C2N	CSMBS3D2N
03	-	CSMBS3C3N	CSMBS3D3N
04	-	CSMBS3C4N	CSMBS3D4N
05	-	CSMBS3C5N	CSMBS3D5N
06	CSMBS3B6N	CSMBS3C6N	CSMBS3D6N
10	CSMBS3B10N	CSMBS3C10N	CSMBS3D10N
16	CSMBS3B16N	CSMBS3C16N	CSMBS3D16N
20	CSMBS3B20N	CSMBS3C20N	CSMBS3D20N
25	CSMBS3B25N	CSMBS3C25N	CSMBS3D25N
32	CSMBS3B32N	CSMBS3C32N	CSMBS3D32N
40	CSMBS3B40N	CSMBS3C40N	CSMBS3D40N
50	CSMBS3B50N	CSMBS3C50N	CSMBS3D50N
63	CSMBS3B63N	CSMBS3C63N	CSMBS3D63N

Product Reference & Dimensions



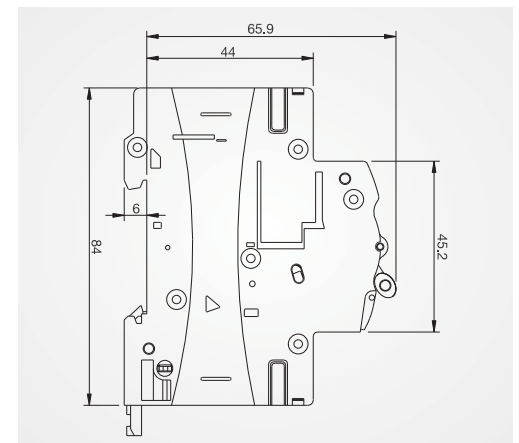
Isolator

Rating (A)	1 Pole	2 Pole	3 Pole	4 Pole
	Reference	Reference	Reference	Reference
25	CSMBS1ISO25	CSMBS2ISO25	CSMBS3ISO25	CSMBS4ISO25
32	CSMBS1ISO32	CSMBS2ISO32	CSMBS3ISO32	CSMBS4ISO32
40	CSMBS1ISO40	CSMBS2ISO40	CSMBS3ISO40	CSMBS4ISO40
63	CSMBS1ISO63	CSMBS2ISO63	CSMBS3ISO63	CSMBS4ISO63
80	CSMBS1ISO80	CSMBS2ISO80	CSMBS3ISO80	CSMBS4ISO80
100	CSMBS1ISO100	CSMBS2ISO100	CSMBS3ISO100	CSMBS4ISO100

Miniature Circuit Breaker - DC

Rating (A)	1 Pole	2 Pole
	Reference	Reference
0.5	CSMBS1DC0.5	CSMBS2DC0.5
01	CSMBS1DC1	CSMBS2DC1
02	CSMBS1DC2	CSMBS2DC2
03	CSMBS1DC3	CSMBS2DC3
04	CSMBS1DC4	CSMBS2DC4
05	CSMBS1DC5	CSMBS2DC5
06	CSMBS1DC6	CSMBS2DC6
10	CSMBS1DC10	CSMBS2DC10
16	CSMBS1DC16	CSMBS2DC16
20	CSMBS1DC20	CSMBS2DC20
25	CSMBS1DC25	CSMBS2DC25
32	CSMBS1DC32	CSMBS2DC32
40	CSMBS1DC40	CSMBS2DC40
50	CSMBS1DC50	CSMBS2DC50
63	CSMBS1DC63	CSMBS2DC63

Installation Dimensions



TERMINAL SIDE

