



WiNbreak1

An Absolute Solution for
Distribution & Protection

Rating | 16A-400A

Poles | 3P & 4P

Breaking capacity | 25kA, 35kA
| 36kA, 50kA

Ui | 750V **Uimp** | 8kV



MCCB

WiNbreak1 MCCB is an incredibly innovative high quality circuit breaker supported with state-of-the-art manufacturing technologies, contemporary design, ergonomics and compactness.

WiNbreak1 in conforms with latest standard IS/IE C60947-2.

WiNbreak1 provides accurate and impeccable protection against overload and short circuit which ensures utmost performance, reliability and complete safety. The high breaking capacity of these MCCBs reflects the robustness of its design and ensures high electrical and mechanical life.



**C&S Electric offers innovative, intelligent,
integrated and intuitive solution**

WiNbreak2

An Absolute solution for power distribution

Conforms to IS/IEC 60947-2

$I_{cs} = 100\% I_{cu}$

$I_{cw} = 25kA / 1s$

Range : 800A to 1600A, 3P & 4P

Breaking capacity : 50kA, 70kA & 150kA

$U_i : 1000V$

$U_{imp} : 8kV$



For power distribution

- The highest breaking capacity
- Optimum coordination Technique (cascading & discrimination)
- Powerful engineering tools

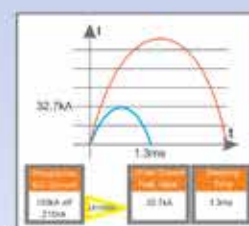
For protection of motor and its control device

- Optimal overload protection

For controlling & disconnecting circuits

For extensive application

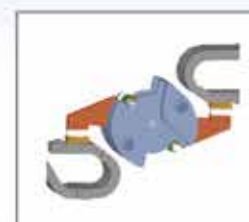
- wide range of optimized auxiliaries & accessories



Current Limiting



Tripping by Pressure



Double Contact Structure

INTELLIGENT RELEASE

Trip releases are classified according to their usages and functions to maximise customer's satisfaction. It makes the breaking capacity of circuit breaker improved and breaker's life enhanced and provides advanced functions – measurement, diagnosis, analysis and communication

N Type (Normal)



- L/S/I/G Thermal
- Self-Power
- RTC Timer
- Fault information (LED)

A Type (Ammeter)



- L/S/I/G Thermal
- ZSI (Protective Co-ordination)
- Earth Leakage
- Current Measurement
- Digital Output
- Modbus/RS-485
- Profibus-DP
- Self-Power
- RTC Timer
- Fault recording (10 Records)
- Fault information (LED)

P Type (Power Meter)



- L/S/I/G Thermal (continuous)
- ZSI (protective coordination)
- Earth Leakage
- Current / Voltage / RMS / Vector / Power/ Energy / Frequency measurement
- Pri-Trip Alarm
- IDML setting
- Digital output
- Modbus/RS-485
- Profibus-DP
- Self-power
- RTC Timer
- Event recording (256 records)
- Fault recording (256 records)
- Fault information (LED)

S Type (Supreme Meter)



- L/S/I/G Thermal (continuous)
- ZSI (protective coordination)
- Earth Leakage
- Current / Voltage / RMS / Vector / Power/ Energy / Frequency measurement
- Pri Trip alarm
- IDML setting
- Digital output
- Modbus/RS-485
- Profibus-DP
- Self-power
- RTC timer
- Harmonics (63th) ,Waveform
- Event recording (256 records)
- Fault recording (256 records)
- Fault information (LED)

WiNbreak2 MCCB (1600AF)

Features:

- LSIG Protection
- Thermal Memory
- Current, Voltage, Power, Energy, Frequency measurement
- Trip History
- Digital Display
- Fault recording
- Event Recording
- Communication
- Harmonics
- True RMS Sensing
- ZSI
- IDMTL Setting
- Self Power
- LED for Tripping Information
- RTC Timer
- Pre Trip Alarm

MCCB with Intelligent Release - N Type

Size	Release Range (A)	Breaking Capacity @ 415VAC	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 5	400-800	50kA	CS1000NNG5800A3P	POR	CS1000NNG5800A4P	POR
	500-1000		CS1000NNG51000A3P		CS1000NNG51000A4P	
	625-1250		CS1250NNG51250A3P		CS1250NNG51250A4P	
	800-1600		CS1600NNG51600A3P		CS1600NNG51600A4P	
	400-800	70kA	CS1000HNG5800A3P	POR	CS1000HNG5800A4P	POR
	500-1000		CS1000HNG51000A3P		CS1000HNG51000A4P	
	625-1250		CS1250HNG51250A3P		CS1250HNG51250A4P	
	800-1600		CS1600HNG51600A3P		CS1600HNG51600A4P	

List Price Changes for MCCB with high end release w.r.t "Intelligent release - N Type"

Release	List Price (₹)
Intelligent release - A Type*	ADD
Intelligent release - P Type*	ADD
Intelligent release - S Type*	ADD

Note : Standard packing includes insulating phase barriers and Hardware.

Internal Accessories

WB2 MCCBs	Shunt Trip (SHT)	List Price (₹)	Under Voltage Trip (UVT)	List Price (₹)	Auxiliary Switch (AX)	List Price (₹)	Alarm Switch (AL)	List Price (₹)	Fault Alarm Switch (FAL)*	List Price (₹)
CS1000-1600	SHT5-T(...V)	POR	UVT5-T(...V)	POR	AX5-T	POR	AL5-T	POR	FAL5-T	POR

Note :

- Shunt Trip is available in 24-30V AC/DC, 48-60V DC, 100-130V AC/DC, 200-250V AC/DC & 380- 480V AC
- UVT is available in 24-30V AC/DC, 48-60V DC, 100-130V AC/DC, 200-250V AC/DC & 380-480V AC

WB2 MCCBs	Direct Rotary Handle	List Price (₹)	Direct Rotary Handle with Keylock	List Price (₹)	Extended Rotary Handle	List Price (₹)
CS1000-1600	DH5-S	POR	DHK5-S	POR	EH5-S	POR

Mechanical Interlock

WB2 MCCBs	Applied between two MCCBs			
	3 Pole		4 Pole	
	Reference	List Price (₹)	Reference	List Price (₹)
CS1000-1600	MIT53	POR	MIT54	POR

Padlocking Device

WB2 MCCBs	Fixed Lock		Removable Lock	
	Reference	List Price (₹)	Reference	List Price (₹)
CS1000-1600	PHL5	POR	PL5	POR

WiNbreak2 MCCB

- Conforms to IS/IEC 60947-2
- Ics = 100% Icu
- Range: 16A-1600A, 3P & 4P
- Breaking capacity: 50kA, 65kA, 70kA, 85kA & 150kA
- Positive Isolation
- Trip Free Mechanism
- Double contact structure
- Communication compatible
- No Line-load Bias
- Neutral with 100% rated current
- Tripping by pressure
- Current limiting
- Manual, Rotary or Motorized available
- Wide range of internal & external accessories
- Standard packing includes spreaders terminals, insulating phase barriers and hardware


FMU (Thermal Magnetic) Release • Adjustable Overload 80-100% • Fixed short circuit 10 In

Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 1	16, 20, 25, 32, 40, 50, 63	50kA	CD100NFMU*3P	8790	CD100NFMU*4P	10900
	80, 100		CD100NFMU*3P	8880	CD100NFMU*4P	11000
Frame 3	300, 400	65kA	CS400NFMU*3P	27070	CS400NFMU*4P	34550
	500, 630		CS630NFMU*3P	30640	CS630NFMU*4P	37370
Frame 4	800	65kA	CS800NFMU*3P	43140	CS800NFMU*4P	53190

ATU (Thermal Magnetic) Release • Adjustable Overload 80 - 100% • Adjustable Short circuit 5 - 10 In

Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 2	125	50kA	CS160NATU*3P	13680	CS160NATU*4P	17300
	160		CS160NATU*3P	16850	CS160NATU*4P	20820
	200		CS250NATU*3P	20260	CS250NATU*4P	24710
	250		CS250NATU*3P	23270	CS250NATU*4P	28610
Frame 3	300, 400	65kA	CS400NATU*3P	28430	CS400NATU*4P	34600
	500, 630		CS630NATU*3P	32250	CS630NATU*4P	39380
Frame 4	800	65kA	CS800NATU*3P	46990	CS800NATU*4P	58270

ETS (Microprocessor based) Release • Adjustable Overload 40 - 100% • Adjustable shortcircuit 1.5 - 10 In

Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 2	40	50kA	CS160NETS*3P	22480	CS160NETS*4P	28110
	80, 160		CS160NETS*3P	22790	CS160NETS*4P	28120
	250		CS250NETS*3P	26910	CS250NETS*4P	35270
Frame 3	400	65kA	CS400NETS*3P	30720	CS400NETS*4P	41710
	630		CS630NETS*3P	35270	CS630NETS*4P	49100
Frame 4	800	65kA	CS800NETS*3P	52070	CS800NETS*4P	60400

WiNbreak2 MCCB
ETM (Microprocessor Release with in-built Earth fault Protection) • Adjustable Overload 40 - 100% • Adjustable shortcircuit 1.5 - 10 In

Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 3	160	65kA	CS400NETM33160A3PE	50640	CS400NETM33160A4PE	60710
	250		CS400NETM33250A3PE	50640	CS400NETM33250A4PE	60710
	400		CS400NETM33400A3PE	50760	CS400NETM33400A4PE	60910
	630		CS630NETM33630A3PE	61130	CS630NETM33630A4PE	72750
Frame 4	800	65kA	CS800NETM43800A3PE	85490	CS800NETM43800A4PE	106870

Note :

- While ordering replace "3" by Current Rating
- Spreader Terminals are not included MCCBs upto 63A
- For 3 Pole ETM (Microprocessor) MCCB one Neutral CT will be required, if ground fault protection is required, for reference & List Price Please refer page 35
- MCCB with Ammeter, ZSI & communication feature is also available. For reference & List Price contact nearest branch office.
- MCCB for Motor Backup Protection is also available. For prices contact nearest branch office.


Accessories

Suitable for use on WB2 MCCBs	Shunt Trip (SHT)	List Price (₹)	Under Voltage Trip (UVT)	List Price (₹)	Auxiliary Switch (AX)	List Price (₹)	Alarm Switch (AL)	List Price (₹)	Fault Alarm Switch (FAL)*	List Price (₹)
CD100-CS800	ST-T(..V)	2570	UVT-T(..V)	3490	AX-T	1110	AL-T	1110	FAL-T	1110

Note :

- The above accessories are common for CD100-CS800
- FAL (Fault Alarm Switch)* It can be applied to only circuit breakers with electronic trip units
- Shunt Trip is available in 12V DC, 24V AC/DC, 110-130V AC/DC, 250V DC & 380-500V AC
- UVT is available in 24V AC/DC, 110-130V AC/DC, 220-240V DC & 380-440V AC & 440-480V AC
- Maximum Possibilities for Internal Accessories

	Accessory	CD100	CS160/ 250	CS400 / 630	CS800
Left	AX	-	1	3	3
	AL	1	1	-	-
	SHT / UVT	1	1	1	1
Right	AX	2	1	-	-
	AL	-	-	1	2
	FAL	-	1	1	1



Suitable for use on WB2 MCCBs	Direct Rotary Handle	List Price (₹)	Direct Rotary Handle with Keylock	List Price (₹)	Extended Rotary Handle	List Price (₹)
CD100	DH1-S	1390	DHK1-S	3670	EH1-S	2090
CS160, CS250	DH2-S	1510	DHK2-S	3850	EH2-S	2780
CS400, CS630	DH3-S	2970	DHK3-S	4040	EH3-S	3900
CS800	DH4-S	3550	DHK4-S	4210	EH4-S	4610

Mechanical Interlock (Used to prevent mechanically closing together)

Suitable for use on WB2 MCCBs	Direct Rotary Handle	List Price (₹)	Direct Rotary Handle with Keylock	List Price (₹)
CD100	MIT13	6620	MIT14	6950
CS160, CS250	MIT23	8070	MIT24	8350
CS400, CS630	MIT33	8560	MIT34	8790
CS800	MIT44	9350	MIT44	9170

WiNbreak2 MCCB

Motor Operator - For remote "ON/OFF" operation only

Suitable for MCCB Type	Control Voltage	Reference	List Price (₹)
CD100	24V DC, 100-240V AC & 100-220V DC	MOP1(..V)	15190
CS160, CS250	24V DC, 110V AC/DC & 220V DC, 230V AC	MOP2(..V)	21060
CS400, CS630	24V DC, 110V AC/DC & 220V DC, 230V AC	MOP3(..V)	33160
CS800	24V DC, 110V AC/DC & 220V DC, 230V AC	MOP4(..V)	39160

*Replace (....V) by require voltage.

Padlocking Device


Suitable for use on WB2 MCCBs	Fixed Lock		Removable Lock	
	Reference	List Price (₹)	Reference	List Price (₹)
CD100	PHL 1	1130	PL 1	655
CS160, CS250	PHL 2	1250	PL 2	845
CS400, CS630	PHL 3	2010	PL 3	1035
CS800	PHL 4	2275	PL 4	1080

Base for Plug-in MCCB


Suitable for use on WB2 MCCBs	Reference (for 3 Pole)	List Price (₹)
CD100	PB13	12880
CS160, CS250	PB23	16000
CS400, CS630	PB33	25670
CS800	PB43	64230

NCT for WiNbreak2 ETM (Microprocessor) 3 Pole MCCB if ground fault facility is required

Description	Reference	List Price (₹)
160/0.1A	NCT-WB2-016	4590
250/0.1A	NCT-WB2-025	4700
400/0.1A	NCT-WB2-040	5040
630/0.1A	NCT-WB2-063	5430
800/0.1A	NCT-WB2-080	5780

Panel Door Mounted Key Lock for Extended Rotary Handle

Suitable for WB2 MCCBs	Reference	List Price (₹)
CD100	EXTKLWB2-100AF-T1	1800
CS160, CS250	EXTKLWB2-250AF-T1	2000

ACE 2 MCCB

- Conforms to IS/IEC 60947-2
- Ics = 100% Icu
- Range : 16A-1250A , 3P & 4P
- Breaking capacity : 36kA , 50kA & 70kA
- Positive Isolation
- Trip free mechanism
- Double contact structure
- No Line-load Bias
- Wide range of internal & external accessories
- Standard packing includes spreaders terminals, insulating phase barrier and hardware



Microprocessor Release • LSIN protection • Adjustable Overload 40~100% • Neutral Protection 50% to 100%						
Size	Rated Current (Amps)	Breaking Capacity Icu at 415V AC	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 2	40	36kA	CSCN125EM*3P	15080	CSCN125EM*4P	18850
	100		CSCN125EM*3P	15150	CSCN125EM*4P	18940
	125		CSCN125EM*3P	16130	CSCN125EM*4P	20000
	160		CSCN250EM*3P	17610	CSCN250EM*4P	22010
	200		CSCN250EM*3P	21920	CSCN250EM*4P	27400
	250		CSCN250EM*3P	22420	CSCN250EM*4P	28020
	40	50kA	CSCS125EM*3P	15520	CSCS125EM*4P	19390
	100		CSCS125EM*3P	15590	CSCS125EM*4P	19490
	125		CSCS125EM*3P	16670	CSCS125EM*4P	20830
	160		CSCS250EM*3P	19000	CSCS250EM*4P	23740
	200		CSCS250EM*3P	23790	CSCS250EM*4P	29850
	250		CSCS250EM*3P	24210	CSCS250EM*4P	30260
Frame 3	315, 350, 400	50kA	CSCS400EM*3P	28410	CSCS400EM*4P	35500
	500, 630		CSCS630EM*3P	32370	CSCS630EM*4P	39770
Frame 2	40	70kA	CSCH125EM*3P	18360	CSCH125EM*4P	23310
	100		CSCH125EM*3P	18430	CSCH125EM*4P	32410
	125		CSCH125EM*3P	20220	CSCH125EM*4P	25280
	160		CSCH250EM*3P	21560	CSCH250EM*4P	26960
	200		CSCH250EM*3P	27830	CSCH250EM*4P	34780
	250		CSCH250EM*3P	27850	CSCH250EM*4P	35060
Frame 3	315, 350, 400	70kA	CSCH400EM*3P	30130	CSCH400EM*4P	37650
	500, 630		CSCH630EM*3P	33650	CSCH630EM*4P	42070

Microprocessor Release • LSIN protection • Adjustable Overload 40~100% • Neutral Protection 50% to 100% • Ics=50% Icu						
Size	Rated Current (Amps)	Breaking Capacity Icu at 415V AC	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 4	700, 800 ■	50kA	CSCS800EM*3P	85300	CSCS800EM*4P	93830
	1000 ■		CSCS1250EM*3P	91030	CSCS1250EM*4P	100130
	1250 ■		CSCS1250EM*3P	98530	CSCS1250EM*4P	115100
Frame 4	700, 800 ■	70kA	CSCH800EM*3P	85350	CSCH800EM*4P	98990
	1000 ■		CSCH1250EM*3P	94600	CSCH1250EM*4P	120160
	1250 ■		CSCH1250EM*3P	118250	CSCH1250EM*4P	150200

Notes :

1. While Ordering, Replace "" by Current Rating
2. Spreader Terminal are not included for MCCBs upto 63A
3. ■ Spreader Terminal are not included, for reference & List Price, please refer page no. 37

ACE 2 MCCB

FMU (Thermal Magnetic) Release • Adjustable Overload 80-100% • Fixed short circuit 10In						
Size	Rated Current (Amps)	Breaking Capacity Icu at 415V AC	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 1	16, 20, 25, 32, 40, 50, 63	36kA	CSCN125TM*3P	7230	CSCN125TM*4P	8980
	80, 100		CSCN125TM*3P	7260	CSCN125TM*4P	9170
	125		CSCN125TM*3P	8800	CSCN125TM*4P	10720
Frame 1	16, 20, 25, 32, 40, 50, 63	50kA	CSCS125TM*3P	7690	CSCS125TM*4P	9630
	80, 100		CSCS125TM*3P	7730	CSCS125TM*4P	10470
	125		CSCS125TM*3P	11480	CSCS125TM*4P	14340

Spreader Terminal are not included for MCCBs upto 63A

ATU (Thermal Magnetic) Release • Adjustable Overload 80 - 100% • Adjustable Short circuit 5 - 10 In						
Size	Rated Current (Amps)	Breaking Capacity Icu at 415V AC	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 2	160	36kA	CSCN250TM*3P	11240	CSCN250TM*4P	13820
	200		CSCN250TM*3P	12930	CSCN250TM*4P	15640
	250		CSCN250TM*3P	16060	CSCN250TM*4P	19740
Frame 3	315, 400	36kA	CSCN400TM*3P	26790	CSCN400TM*4P	32900
Frame 2	160	50kA	CSCS250TM*3P	14060	CSCS250TM*4P	17580
	200		CSCS250TM*3P	18440	CSCS250TM*4P	23060
	250		CSCS250TM*3P	21320	CSCS250TM*4P	26650
Frame 3	315, 400	50kA	CSCS400TM*3P	27260	CSCS400TM*4P	33700

Accessories
Spreader Terminals


Suitable for use on MCCBs	Pole	Reference	List Price (₹)	Std Pkg. (No's)
CSCS / CSCH 800EM CSCS / CSCH 1250EM	3 Pole	CSCET6063	6770	Set of 3
CSCS / CSCH 800EM CSCS / CSCH 1250EM	4 Pole	CSCET6114	9870	Set of 4

Extended Rotary Handle


Size	Suitable for use on ACE2 MCCBs	3 Pole Reference	4 Pole Reference	List Price (₹)
Frame 1	CSCN / CSCS 125TM	EC-55	EC-19	1795
Frame 2	CSCN / CSCS 250TM CSCN / CSCS / CSCH 125EM CSCN / CSCS / CSCH 250EM	EC-56	EC-20	2220
Frame 3	CSCN / CSCS 400TM CSCS / CSCH 400EM CSCS / CSCH 630EM	EC-57	EC-21	2980
Frame 4	CSCS / CSCH 800EM CSCS / CSCH 1250EM	EC-58	EC-58	4470

ACE2 MCCB

Internal Accessories			
Description	Suitable for use on ACE2 MCCBs	Reference	List Price (₹)
Aux Switch (AX)	CSCN / CSCS / CSCH	AXC-*	860
Alarm Switch (AL)	CSCN / CSCS / CSCH	ALC	90

* Please replace "*" with L (Left), M (Middle) & R (Right)

Description	Suitable for use on ACE2 MCCBs	Reference				List Price (₹)
		220V AC	380/415V AC	24V DC	110V DC	
Shunt Release (SHT)	CSCN / CSCS 125TM	STC92	STC95	STC98	-	1680
	CSCN / CSCS 250TM CSCN / CSCS 400TM CSCN / CSCS / CSCH 250EM CSCS / CSCH 400EM CSCS / CSCH 630EM	STC93	STC96	STC99	-	1890
	CSCS / CSCH 800EM CSCS / CSCH 1250EM	STC94	STC97	STC00	STC01	3780
Under Voltage Trip (UVT)	CSCN / CSCS 125TM	UVTC02	UVTC05	-	-	2550
	CSCN / CSCS 250TM CSCN / CSCS 400TM CSCN / CSCS / CSCH 250EM CSCS / CSCH 400EM CSCS / CSCH 630EM	UVTC03	UVTC06	-	-	2760
	CSCS / CSCH 800EM CSCS / CSCH 1250EM	UVTC04	UVTC07	-	-	7540

Maximum Possibilities of Internal Accessories				
Description	Accessory	CSC*125 / CSC*250	CSC*400 / CSC*630	CSC*800 / CSC*1250
(Left)	AX	1	3	3
	AL	1	-	-
	UVT or SHT	1	1	1
(Right)	AX	1	-	-
	AX or AL	-	1	1

WiNbreak1 MCCB

- Conforms to IS/IEC 60947-2
- Ics=100% Icu
- Range: 16A-400A, 3 & 4 Pole
- Breaking capacity: 25kA, 35/36kA, 50kA
- Positive Isolation
- Trip free mechanism
- Neutral with 100% rated current
- Bounce free contact structure
- Wide range of Internal & External Accessories
- SS Enclosure available
- Standard packing includes insulating phase barrier and hardware



FMU (Thermal Magnetic) Release • Adjustable Overload 80-100% • Fixed short circuit 10In						
Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 1	16, 20, 25, 32, 40, 50	25kA	CSE1M125FMU3P-*	4340	CSE1M125FMU4P-*	5330
	16, 20, 25, 32, 40, 50	35kA	CSE1N125FMU3P-*	5530	CSE1N125FMU4P-*	6750

ATM (Thermal Magnetic) Release • Adjustable Overload 80-100% • Adjustable Short Circuit 5-10 In						
Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 1	63, 80, 100	25kA	CSE1M125ATM3P-*	4370	CSE1M125ATM4P-*	5390
	125		CSE1M125ATM3P-*	5790	CSE1M125ATM4P-*	7460
Frame 2	160		CSE2M250ATM3P-*	9140	CSE2M250ATM4P-*	11060
	200		CSE2M250ATM3P-*	10330	CSE2M250ATM4P-*	12600
	250		CSE2M250ATM3P-*	12710	CSE2M250ATM4P-*	15630
Frame 3	320	35kA	CSE3M400ATM3P-*	17380	CSE3M400ATM4P-*	20310
	350		CSE3M400ATM3P-*	17380	CSE3M400ATM4P-*	20310
	400		CSE3M400ATM3P-*	18310	CSE3M400ATM4P-*	21430
Frame 1	63, 80, 100	35kA	CSE1N125ATM3P-*	5690	CSE1N125ATM4P-*	6940
	125		CSE1N125ATM3P-*	7160	CSE1N125ATM4P-*	8770
Frame 2	160		CSE2N250ATM3P-*	9660	CSE2N250ATM4P-*	11690
	200		CSE2N250ATM3P-*	11160	CSE2N250ATM4P-*	13620
	250		CSE2N250ATM3P-*	13550	CSE2N250ATM4P-*	16660
Frame 3	320	36kA	CSE3N400ATM3P-*	17840	CSE3N400ATM4P-*	20520
	350		CSE3N400ATM3P-*	17840	CSE3N400ATM4P-*	20520
	400		CSE3N400ATM3P-*	18780	CSE3N400ATM4P-*	22530
Frame 3	320	50kA	CSE3S400ATM3P-*	18820	CSE3S400ATM4P-*	21560
	350		CSE3S400ATM3P-*	18820	CSE3S400ATM4P-*	21560
	400		CSE3S400ATM3P-*	19580	CSE3S400ATM4P-*	22640

ATM (Thermal Magnetic) Release • Adjustable Overload 80-100% • Adjustable Short Circuit 5-10 In • Ics=75%Icu						
Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 2	160	25kA	CSE2MX250ATM3P-*	6410	CSE2MX250ATM4P-*	8270
	200		CSE2MX250ATM3P-*	6810	CSE2MX250ATM4P-*	8440
	250		CSE2MX250ATM3P-*	7570	CSE2MX250ATM4P-*	9260
Frame 2	160	35kA	CSE2NX250ATM3P-*	7910	CSE2NX250ATM4P-*	9830
	200		CSE2NX250ATM3P-*	9840	CSE2NX250ATM4P-*	11570
	250		CSE2NX250ATM3P-*	11600	CSE2NX250ATM4P-*	14280
Frame 2	160	50kA	CSE2S250ATM3P-*	9880	CSE2S250ATM4P-*	12100
	200		CSE2S250ATM3P-*	12190	CSE2S250ATM4P-*	15400
	250		CSE2S250ATM3P-*	16110	CSE2S250ATM4P-*	19810

FMU / ATM (Thermal Magnetic) Release • Adjustable Overload 80-100% • Adjustable Short Circuit 5-10 In • Ics=50%Icu						
Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 1	16, 20, 25, 32, 40, 50	50kA	CSE1S125FMU3P-*	6870	CSE1S125FMU4P-*	8380
	63, 80, 100		CSE1S125ATM3P-*	6900	CSE1S125ATM4P-*	8410
	125		CSE1S125ATM3P-*	8520	CSE1S125ATM4P-*	10400

Notes :

1. While Ordering, Replace "*" by Current Rating.
2. For spreader terminals reference code & List Price, please refer page no. 42
3. MCCB with 36kA Breaking capacity is also available.

WiNbreak1 MCCB

Microprocessor Release 'MicroPro WB'

- Conforms to IS/IEC 60947-2
- Ics=100%Icu
- Range: 40A-250A, 3P & 4P
- Breaking capacity: 35kA & 50kA
- Suitable for isolation
- Adjustable over load from 0.4-1.0In
- Adjustable short circuit from 2-12Ir
- Inbuilt ground fault protection available 20% to 100% of In
- Adjustable neutral overload protection available: 50% to 100% of Ir
- Adjustable current imbalance protection available: (30%-70%) of Ir
- Provision of thermal memory: ON/OFF
- Communication using RS485 through MODBUS protocol
- View last trip information
- LCD: Indication of measurement and information



ETM (with in-built Earth fault Protection) ● Adjustable Overload 40 - 100% ● Adjustable shortcircuit 2-12 Ir						
Size	Release Range (A)	Breaking Capacity Icu at 415V AC	3 Pole - Reference	List Price (₹)	4 Pole - Reference	List Price (₹)
Frame 1	16-40	35kA	CSE1N125ETM3P-40A	12340	CSE1N125ETM4P-40A	14770
	25-63		CSE1N125ETM3P-63A	12340	CSE1N125ETM4P-63A	14770
	40-100		CSE1N125ETM3P-100A	13070	CSE1N125ETM4P-100A	15660
	50-125		CSE1N125ETM3P-125A	13880	CSE1N125ETM4P-125A	17070
Frame 2	63-160		CSE2N250ETM3P-160A	15770	CSE2N250ETM4P-160A	18360
	80-200		CSE2N250ETM3P-200A	19470	CSE2N250ETM4P-200A	23030
	100-250		CSE2N250ETM3P-250A	19850	CSE2N250ETM4P-250A	24600
ETM (with in-built Earth fault Protection) ● Adjustable Overload 40 - 100% ● Adjustable shortcircuit 2-12 Ir ● Ics=75%Icu						
Frame 2	63-160	50kA	CSE2S250ETM3P-160A	17180	CSE2S250ETM4P-160A	20470
	80-200		CSE2S250ETM3P-200A	21570	CSE2S250ETM4P-200A	25600
	100-250		CSE2S250ETM3P-250A	22100	CSE2S250ETM4P-250A	26450
ETM (with in-built Earth fault Protection) ● Adjustable Overload 40 - 100% ● Adjustable shortcircuit 2-12 Ir ● Ics=50%Icu						
Frame 1	16-40	50kA	CSE1S125ETM3P-40A	12910	CSE1S125ETM4P-40A	15740
	25-63		CSE1S125ETM3P-63A	12910	CSE1S125ETM4P-63A	15740
	40-100		CSE1S125ETM3P-100A	13520	CSE1S125ETM4P-100A	16470
	50-125		CSE1S125ETM3P-125A	14200	CSE1S125ETM4P-125A	16890

Note:

- While ordering, Replace "*" with Current rating
- For spreader terminals reference code & List Price, please refer page no. 42
- For 3 Pole ETM (Microprocessor) MCCB one Neutral CT will be required, if ground fault protection is required. For reference & price please refer page 43.

Single Pole MCCB

- Conforms to IS/IEC 60947-2
- Ics=100%Icu
- Range: 16A-160A
- Breaking capacity: 18kA, 25kA & 36kA
- Standard packing includes Spreader terminals, insulating phase barrier & hardware



FTM (Thermal Magnetic) Release • Fixed Overload • Fixed short circuit				
Size	Rating (A)	Breaking Capacity Icu at 240V AC	Reference	List Price (₹)
Frame 1	16, 20, 25, 32, 40, 50, 63#	18kA	CSE1K160FTM1P-*	990
	80, 100		CSE1K160FTM1P-*	1035
	125		CSE1K160FTM1P-*	1190
	160		CSE1K160FTM1P-*	1350

Note:

- While Ordering, Replace "*" by Current Rating.
- Spreader Terminals are not included for MCCBs upto 63A.
- Also available in 25kA & 36kA. For price, please contact nearest Branch Office.

Accessories										
Suitable for use on WB1 MCCBs	Shunt Trip (SHT)	List Price (₹)	Under Voltage Trip (UVT)	List Price (₹)	Auxiliary Switch (AX)	List Price (₹)	Alarm Switch (AL)	List Price (₹)	Combination Switch (AX+AL)	List Price (₹)
CSE1, CSE2	STW1-(...V)	1536	UVTW1-(...V)	2650	AXW1-*	780	ALW1-*	780	XLW1-*	1900
CSE3	STW1-3(...V)	2270	UVTW1-3(...V)	3190	AXW1-3*	1020	ALW1-3*	1020	XLW1-3*	2270

Note:

- Please replace "*" with L as MCCB Left hand side position & R as MCCB right hand position
- For Frame1, Frame2 & Frame3 Shunt Trip is available in 24V DC, 48V DC, 110V DC, 220V AC/DC & 415V AC. (Replace STW1-(...V) by required voltage.
- For Frame1, Frame2 UVT is available in 24V DC, 48V DC, 110V DC, 220V AC/DC & 415V AC. (Replace UVTW1-(...V) by required voltage.
- For Frame 3 UTV available in 110V AC, 220V AC/DC & 415V AC. (Replace UVTW1-(...V) by required voltage.
- Maximum Possibilities for Internal Accessories
 - 3 Pole, MCCB with Thermal Release, Any two accessories can be fitted at one time
 - 4 Pole, MCCB with Thermal Release, Any Three accessories can be fitted at one time
 - 3 Pole MCCB with Microprocessor Release, Right hand seat is not available. Hence, one accessory can be fitted at one time.
 - 4 Pole MCCB with Microprocessor Release, Any two accessories can be fitted at one time.
 - UVT can be fitted only in left hand seat



Extended Rotary Handle		
Suitable for use on WB1 MCCBs	Reference	List Price (₹)
CSE1	EHW1-125	1640
CSE2	EHW1-250	1930
CSE3	EHW1-400	2310

Panel Door Mounted Key Lock for Extended Rotary Handle		
Suitable for use on WB1 MCCBs	Reference Code	List Price (₹)
CSE1	EXTKLWB1-125AF-T1	1800
CSE2	EXTKLWB1-250AF-T1	1800
CSE3	EXTKLWB1-400AF-T1	2115



Mechanical Interlock				
Suitable for use on WB1 MCCBs	Applied between two MCCBs			
	Reference 3 Pole	List Price (₹)	Reference 4 Pole	List Price (₹)
CSE1	MIW1-125-3P	1890	MIW1-125-4P	2360
CSE2	MIW1-250-3P	2090	MIW1-250-4P	2460
CSE3	MIW1-400-3P	2180	MIW1-400-4P	2560



Locking Devices*				
Suitable for use on MCCBs	Key Lock*		Padlocking#	
	Reference	List Price (₹)	Reference	List Price (₹)
CSE1	KLW1-125	1070	PLW1-125	1110
CSE2	KLW1-250	1160	PLW1-250	1230
CSE3	KLW1-400	1330	PLW1-400	1415

Removable Type * Factory fitted only



Spreader Terminals for WB1 MCCB					
Suitable for use on MCCBs		Current Rating (A)	Reference	List Price (₹)	Std Pkg (No.s)
CSE1	3 Pole	15, 20, 32, 40, 50, 63	CSET1033	112	Set of 3
CSE1	3 Pole	80, 100, 125	CSET1033C	120	Set of 3
CSE1	4 Pole	15, 20, 32, 40, 50, 63	CSET1044	186	Set of 4
CSE1	4 Pole	80, 100, 125	CSET1044C	205	Set of 4
CSE2	3 Pole	160, 200, 250	CSET2533	298	Set of 3
CSE2	4 Pole	160, 200, 250	CSET2544	445	Set of 4
CSE3	3 Pole	320, 350, 400	CSETETW14033	980	Set of 3
CSE3	4 Pole	320, 350, 400	CSETETW14044	1290	Set of 4


Earth Fault Relay (Built in CBCT) Suitable for 3 Phase 3 wire distribution network

Rating (Amps)	Earth Fault Relay Setting Range	Reference	List Price (₹)
32A	3.2~32A	EFR-CBCT125-AF-32	4220
40A	4~40A	EFR-CBCT125-AF-40	
63A	6.3~63A	EFR-CBCT125-AF-63	
80A	8~80A	EFR-CBCT125-AF-80	
100A	10~100A	EFR-CBCT125-AF-100	
125A	12.5~125A	EFR-CBCT125-AF-125	4600
200A	20~200A	EFR-CBCT250-AF-200	5025
250A	25~250A	EFR-CBCT250-AF-250	
400A	40~400A	EFR-CBCT400-AF-400	5810
630A	63~630A	EFR-CBCT630-AF-630	
800A	80~800A	EFR-CBCT800-AF-800	
1000A	100~1000A	EFR-CBCT1250-AF-1000	9600
1250A	125~1250A	EFR-CBCT1250-AF-1250	

Earth Fault Relay (with NCT) Suitable for 3 Phase 4 wire distribution network

Rating (Amps)	Earth Fault Relay Setting Range	Reference	List Price (₹)
40A	4~40A	EFR125-AF-40(N)	4010
100A	10~100A	EFR125-AF-100(N)	
125A	12.5~125A	EFR125-AF-125(N)	
200A	20~200A	EFR250-AF-200	4380
250A	25~250A	EFR250-AF-250	
400A	40~400A	EFR400-AF-400	3895
630A	63~630A	EFR630-AF-630	
800A	80~800A	EFR800-AF-800	
1000A	100~1000A	EFR1250-AF-1000	5535
1250A	125~1250A	EFR1250-AF-1250	
			9140

NCT Winbreak1 ETM (Microprocessor) 3 Pole MCCB if ground fault facility is required

Rating (Amps)	Description	Reference	List Price (₹)
40	40/0.1A	ETMNCT40A	1308
63	63/0.1A	ETMNCT63A	1308
80	80/0.1A	ETMNCT80A	1308
100	100/0.1A	ETMNCT100A	1308
125	125/0.1A	ETMNCT125A	1308
160	160/0.1A	ETMNCT160A	1870
200	200/0.1A	ETMNCT200A	1870
250	250/0.1A	ETMNCT250A	1870
320	320/0.1A	ETMNCT320A	2560
350	350/0.1A	ETMNCT350A	2560
400	400/0.1A	ETMNCT400A	2560


SS Enclosure for WB1 MCCB

Size	Suitable for WB1 MCCBs	Reference	List Price (₹)
Frame1	CSE1	CSE-ENCL-125	1520
Frame1	CSE2	CSE-ENCL-250	1630

Notes:

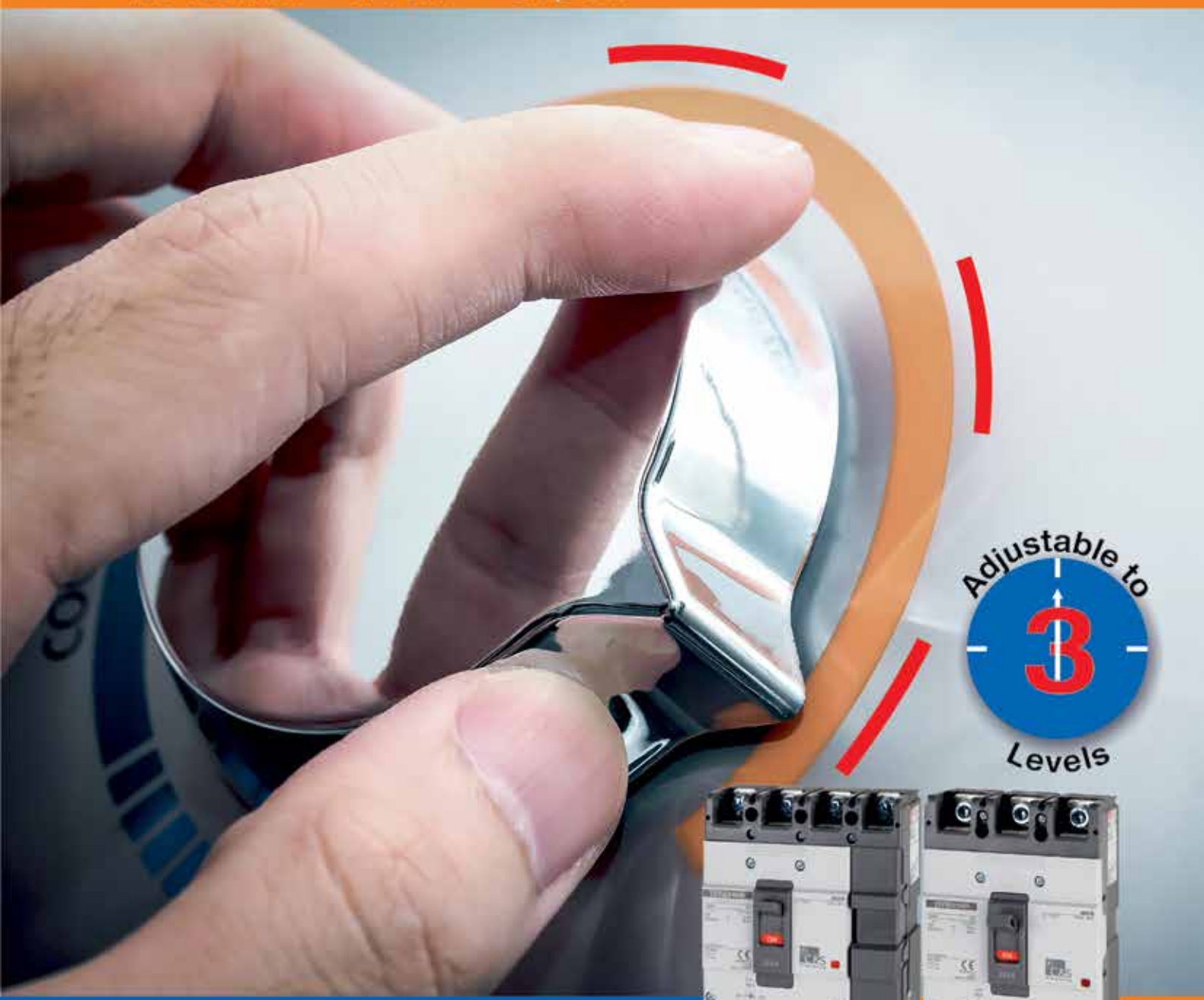
- Reference Code is for Enclosure only (without MCCB)
- For Placing an order for MCCB along with Enclosure, please apply prefix E-before MCCB Reference Code. For Price, please contact nearest branch office

introducing

WiNbreak - CSC Series

Adjustable Overload: 0.7~1.0 In

■ Ics=100% Icu ■ Ui=750V ■ Uimp=8kV



Salient Features

- Conforms to IS/IEC 60947-2
- Breaking Capacity: 37kA @ 415V AC
- Range: 20A~250A, 3P & 4P
- Adjustable Overload: 0.7~1.0 In
- Frame Size: 125AF & 250AF
- Positive Isolation
- Trip Free Mechanism
- Composed to User-Friendly Method
- Wide Range of installable accessories
- Internal & External Accessories can be commonly used in all WiNbreak-CSC MCCB

For further detail please contact nearest Branch Office

WiNbreak MCCB - CS Series

- Conforms to IS/IEC 60947-2
- Range: 15A-400A, 2, 3 & 4 Pole
- Breaking capacity: 10kA, 18kA & 25kA
- Positive Isolation
- Trip free mechanism
- SS Enclosure available
- Standard packing includes Spreader terminals, Insulating phase barriers and Hardwares



FTM (Thermal Magnetic) Release • Fixed Overload • Fixed short circuit								
Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	2 Pole Reference	List Price (₹)	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 1	15, 20, 30, 32, 40, 50, 60, 63#	10kA	CS2A2*	1800	CS2A3*	2040	CS2A4*	2810
	75,100		CS2A2*	1850	CS2A3*	2120	CS2A4*	2910
	125		-	-	CS2A3*	3215	CS2A4*	4330
Frame 3	150, 175	18kA	CS3A2*	5310	CS3A3*	6910	CS3A4*	9120
	200		CS3A2*	6420	CS3A3*	7460	CS3A4*	9850
	250		CS3A2*	7000	CS3A3*	8330	CS3A4*	10380
Frame 2	15, 20, 30, 40, 50, 60#	25kA	CS2B2*	3860	CS2B3*	4340	CS2B4*	5280
	75,100		CS2B2*	3910	CS2B3*	4460	CS2B4*	5400
Frame 3	150, 175		CS3B2*	7570	CS3B3*	8020	CS3B4*	10430
	200		CS3B2*	8510	CS3B3*	9270	CS3B4*	12050
	250		CS3B2*	11370	CS3B3*	12840	CS3B4*	16040
Frame 4	300🔴		-	-	CS4A3*	20930	CS4A4*	25120
	350, 400🔴		-	-	CS4A3*	21750	CS4A4*	26100

- Notes :**
1. While Ordering, Replace "*" by current rating
 2. # Spreader Terminals are not included
 3. |cs=100% |cu

Accessories

Suitable for use on MCCBs	Shunt Trip (SHT)		Under Voltage Trip (UVT)		Auxiliary Switch (AX)		Alarm Switch (AL)		Direct Rotary Handle		Extended Rotary Handle	
	Reference	List Price (₹)	Reference	List Price (₹)	Reference	List Price (₹)	Reference	List Price (₹)	Reference	List Price (₹)	Reference	List Price (₹)
CS2A	ST-A(..V)	1220	UVT-A(..V)	1530	ASW-A(*)	760	ALSW-A(*)	760	D-35S	1040	CSE-35S	960
CS2B	ST-B(..V)	1220	UVT-B(..V)	1530	ASW-B(*)	760	ALSW-B(*)	760	D-45S	1170	CSE-45	960
CS3A / CS3B	ST-C(..V)	1220	UVT-C(..V)	1530	ASW-C(*)	760	ALSW-C(*)	760	D-55S	1240	CSE-55	1065
CS4A	ST-6A(..V)	1575	UVT-6A(..V)	1915	ASW-6A	1220	ALSW-6A	1220	N-70S	1680	E-70U	2745

Notes:

- Notes:
1. *Please read R as MCCB left hand side position & T as right hand position
 2. For Frame1, Frame 2 & Frame3 shunt trip is available in 12VAC/DC, 24VAC/DC, 48VAC/DC, 110VAC/DC, 220VAC/DC, 415VAC (Replace ST-A(...V), ST-B(...V) and ST-C(...V) by required voltage)
 3. For Frame4 shunt trip is available in 24-48VAC/DC, 100-220VDC, 100-240VAC, 380-550VAC/DC (Replace ST-6A (...V) by required voltage)
 4. Rotary Handle for 2 Pole, Frame1 & Frame2 is not available.
 5. For Frame1, Frame2 & Frame3 UVT is available in 24VAC/DC, 48VAC/DC, 110VAC/DC, 220VAC/DC & 415VAC (Replace ST-A(...V), ST-B(...V) and ST-C(...V) by required voltage)
 6. For Frame4 UVT is available in 48VAC/DC, 100-125VAC, 100-110VDC, 220-240VAC, 200-220VDC, 380-440VAC & 440-480VAC (Replace UVT-6A (...V) by required voltage)
 7. Maximum possibilities for internal accessories
- Frame1, Frame2 & Frame3 :**
- | | |
|---------------------------|--|
| Left hand seat - AX or AL | Right hand seat - AX or AL or SHT or UVT |
|---------------------------|--|
- Frame 4:**
- | | |
|--|---|
| Left hand seat - 2AX, 2AL and SHT or UVT | Right hand seat - 2AX, 2AL and SHT or UVT |
|--|---|



SS Enclosure for WB MCCB			
Size	Suitable for use on MCCBs	Reference*	List Price (₹)
Frame 1	CS2A	CS-CNM0100020	1875
Frame 2	CS2B	CS-CNM0100021	1890
Frame 3	CS3A, CS3B	CS-CNM0100021	1890
Frame 4	CS4A	ENCL-250-400AF3	2920

Notes:

- 2) For placing an order for MCCB along with Enclosure, please apply Prefix **E-** before MCCB Reference Code. For Price, please contact nearest Branch Office.

WiNbreak MCCB - CSC Series

- Conforms to IS/IEC 60947-2
- Ics=100%Icu
- Range: 15A-1200A, 2, 3 & 4 Pole
- Breaking capacity: 18kA, 26kA, 37kA, 50kA, 65kA & 85kA
- Positive Isolation
- Trip free mechanism
- Wide range of Internal & External Accessories
- SS Enclosure available
- Standard packing includes insulating phase barriers and hardwares



FTM (Thermal Magnetic) Release • Fixed Overload • Fixed short circuit								
Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	2 Pole Reference	List Price (₹)	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 1	15, 20, 30, 40, 50	18kA	CSC1S2*	3040	CSC1S3*	3370	CSC1S4*	4460
	60, 75, 100		CSC2N2*	3050	CSC2N3*	3380	CSC2N4*	4470
Frame 3	150, 175	26kA	CSC4N2*	7270	CSC4N3*	8250	CSC4N4*	10240
	200		CSC4N2*	8270	CSC4N3*	9400	CSC4N4*	11340
	250		CSC4N2*	10810	CSC4N3*	11630	CSC4N4*	14770
Frame 2	15, 20, 30, 40, 50, 60	37kA	CSC3S2*	3930	CSC3S3*	4490	CSC3S4*	5480
	75, 100		CSC3S2*	4000	CSC3S3*	4530	CSC3S4*	5520
	125		CSC3S2*	4150	CSC3S3*	4560	CSC3S4*	5580
Frame 3	150, 175		-	-	CSC4S3*	9290	CSC4S4*	12070
	200		-	-	CSC4S3*	11100	CSC4S4*	13320
	250		-	-	CSC4S3*	14030	CSC4S4*	17630
Frame 4	300 ♦		-	-	CSC5N3*	22150	CSC5N4*	25920
	350, 400 ♦		-	-	CSC5N3*	23200	CSC5N4*	27160
Frame 5	500, 630		-	-	CSC6N3*	23180	CSC6N4*	27620
	700, 800		-	-	CSC6N3*	33460	CSC6N4*	41960
Frame 2	15, 20, 30, 40, 50, 60	50kA	-	-	CSC3H3*	7360	CSC3H4*	9460
	75, 100		-	-	CSC3H3*	7420	CSC3H4*	9720
	125		-	-	CSC3H3*	9480	CSC3H4*	12410
Frame 3	150, 175		-	-	CSC4H3*	12010	CSC4H4*	15380
	200		-	-	CSC4H3*	13520	CSC4H4*	18160
	250		-	-	CSC4H3*	19890	CSC4H4*	24830
Frame 4	300 ♦		-	-	CSC5S3*	23010	CSC5S4*	26000
	350, 400 ♦		-	-	CSC5S3*	25320	CSC5S4*	29120
Frame 4	300 ♦	65kA	-	-	☒ CSC5H3*	25010	☒ CSC5H4*	30510
	350, 400 ♦		-	-	☒ CSC5H3*	25810	☒ CSC5H4*	31490
Frame 5	500, 630		-	-	CSC6S3*	25290	CSC6S4*	31100
	700, 800		-	-	CSC6S3*	38070	CSC6S4*	47730
Frame 4	300 ♦	85kA	-	-	☒ CSC5L3*	32340	☒ CSC5L4*	45350
	350, 400 ♦		-	-	☒ CSC5L3*	33180	☒ CSC5L4*	46290
Frame 5	500, 630	85kA	-	-	☒ CSC6L3*	47470	☒ CSC6L4*	59400
	700, 800		-	-	☒ CSC6L3*	81060	☒ CSC6L4*	91180

FTM (Thermal Magnetic) Release • Fixed Overload • Fixed short circuit • Ics=50%Icu								
Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	2 Pole Reference	List Price (₹)	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 6	1000 ♦	65kA	-	-	CSC7S3*	96410	CSC7S4*	119540
	1200 ♦		-	-	CSC8S3*	101520	CSC8S4*	121100
Frame 6	1000 ♦	85kA	-	-	☒ CSC7L3*	123190	☒ CSC7L4*	147590
	1200 ♦		-	-	☒ CSC8L3*	141980	☒ CSC8L4*	170880

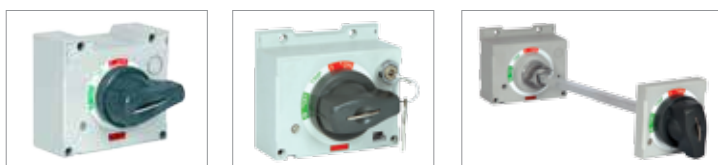
Notes :

- While Ordering, Replace "*" by Current rating.
- ♦ Spreader Terminals are included as standard packing.
- For Spreader Terminals reference & List Price, please refer page 48.

WiNbreak MCCB - CSC Series

Accessories

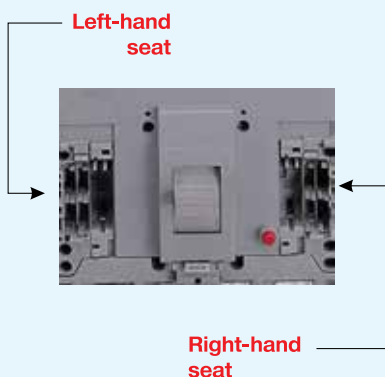
Suitable for use on WB-CSC MCCBs	Shunt Trip (SHT)	List Price (₹)	Under Voltage Trip (UVT)	List Price (₹)	Auxiliary Switch (AX)	List Price (₹)	Alarm Switch (AL)	List Price (₹)	Combination Switch (AX + AL)	List Price (₹)
CSC1, CSC2, CSC3, CSC4	STC(...V)	1180	UVT-6A(...V)	1380	AXWC-(*)	790	ALWC-(*)	790	XLC-(*)	1760
CSC5, CSC6	ST-6A(...V)	1570	UVT-6A(...V)	1920	ASW-6A	1220	ALSW-6A	1220	-	-
CSC7, CSC8	ST-7A(...V)	7710	UVT-7A(...V)	7710	ASW-7A	2730	ALSW-7A	2730	-	-



Suitable for use on WB-CSC MCCBs	Direct Rotary Handle	List Price (₹)	Direct Rotary Handle with Key Lock	List Price (₹)	Extended Rotary Handle	List Price (₹)
CSC1, CSC2	DHC100	1180	DHCK100	3400	CSE-35S ■	960
					EHC100	2000
CSC3	DHC125	1220	DHCK125	3505	CSE-45S ■	960
					EHC125	2120
CSC4	DHC250	1440	DHCK250	3710	EHC250	2340
CSC5	N70S	1680	-	-	E70U	2720
CSC6			-	-	E80U	3030

- Notes:**
- Please replace "*" with R as MCCB left hand side position & T as MCCB right hand position.
 - Left Hand seat is not available in 2 Pole MCCB in Frame 1 & Frame 2
 - For Frame 1, Frame 2, Frame 3 & Frame 4 - Shunt Trip is available in 12V AC/DC, 24V AC/DC, 48V AC/DC, 60V AC/DC, 100-130V AC/DC, 200-250V AC/DC, 380-450VAC, 440-550VAC. (Replace STC(...V) by required voltage)
 - For Frame 5 - Shunt Trip is available in 100-240V AC, 100-220V DC, 24-48V AC/DC, 380-550VAC. (Replace ST-6A(...V) by required voltage)
 - For Frame 6 - Shunt Trip is available in 200-220VAC (Replace ST-7A(...V) by required voltage)
 - For Frame 1, Frame 2, Frame 3 & Frame 4-UVT is available in 24V AC/DC, 48V AC/DC, 100-110V AC/DC, 200-220V AC/DC, 380-400VAC, 440-480VAC. (Replace UVT(...V) by required voltage)
 - For Frame 5 - UVT is available in 100-125V AC, 100-110V DC, 200-240VAC, 220-220VDC, 380-400VAC & 440-480VAC. (Replace UVT-6A(...V) by required voltage)
 - For Frame 6 - UVT is available in 200-220VAC (Replace UVT-7A(...V) by required voltage)
 - Rotary Handle for 2 Pole Frame 1 & Frame 2 is not available.
 - Conventional type

Maximum possibilities for auxiliaries



• 100AF, 125AF and 250AF Breakers

Left-hand seat
Option of connecting AX or AL or XL

AX or
AL or
XL

Right-hand seat
Option of connecting AX or AL or XL or SHT or UVT

AX or AL or
XL or SHT
or UVT

• 400AF, 800AF Breakers

Left-hand seat
Option of connecting 2AX, 2AL and SHT or UVT

AL AL SHT
or or or
AX AX UVT

Right-hand seat
Option of connecting 2AX, 2AL and SHT or UVT

SHT AL AL
or or or
UVT AX AX

• 1000AF, 1250AF Breakers

Left-hand seat
Option of connecting SHT or UVT

SHT
or
UVT

Right-hand seat
Option of connecting 1AX, 1AL and 1AX or 1AL

AX
AX or AL
AL

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MRP w.e.f. 1st July 2017

WiNbreak MCCB - CSC Series

Terminal Covers

Suitable for use on WB-CSC MCCBs	For Line/Load Side					
	2P Reference	List Price (₹)	3P Reference	List Price (₹)	4P Reference	List Price (₹)
CSC1, CSC2	TCS12	215	TCS13	370	TCS14	405
CSC3	TCS22	290	TCS23	525	TCS24	610
CSC4	TCS33	615	TCS33	615	TCS34	690


Mechanical Interlock

Suitable for use on MCCBs	Applied between two MCCBs			
	Reference 3 Pole	List Price (₹)	Reference 4 Pole	List Price (₹)
CSC5	MI-43S	3410	MI-44S	4250
CSC6	MI-83S	4250	MI-84S	5020


Spreader Terminals

Suitable for use on MCCBs	Pole	Current Rating (A)	Reference	List Price (₹)	Std Pkg. (No's)
CSC1, CSC2, CSC3	2 Pole	15, 20, 30, 40, 50, 60	CSET1022	90	Set of 3
CSC1, CSC2, CSC3		75, 100	CSET1022C	110	Set of 3
CSC1, CSC2, CSC3	3 Pole	15, 20, 30, 40, 50, 60	CSET1033	112	Set of 3
CSC1, CSC2, CSC3		75, 100	CSET1033C	120	Set of 3
CSC1, CSC2, CSC3	4 Pole	15, 20, 30, 40, 50, 60	CSET1044	186	Set of 4
CSC1, CSC2, CSC3		75, 100	CSET1044C	205	Set of 4
CSC4	2 Pole	150, 175, 200, 250	CSET2522	225	Set of 3
CSC4	3 Pole	150, 175, 200, 250	CSET2533	298	Set of 3
CSC4	4 Pole	150, 175, 200, 250	CSET2544	500	Set of 4
CSC6	3 Pole	500, 630, 700, 800	CSET8033	2020	Set of 3
CSC6	4 Pole	500, 630, 700, 800	CSET8044	2450	Set of 4


SS Enclosure for WB MCCB

Size	Suitable for use on MCCBs	Reference*	List Price (₹)
Frame 1	CSC1, CSC2	CS-CNM0100020	1780
Frame 2	CSC3	CS-CNM0100021	1790
Frame 3	CSC4	CS-CNM0100021	1790
Frame 4	CSC5	ENCL-250-400AF3	2770
Frame 5	CSC6	CS-CNM0100203	4660
Frame 6	CSC7, CSC8	CS-CNM0100204	5200

Notes:

- *Reference code is for Enclosure only (without MCCB)
- For placing an order for MCCB along with Enclosure, please apply Prefix **E-** before MCCB Reference Code. For Price, please contact nearest Branch Office.