

On Load Changeover Switches

- Conforms to IS/IEC 60947-3
- Range: 63A-3150A, 415V, 50Hz
- Version: 4P
- Modular construction
- Positive Isolation
- Door Interlock and Padlock facility



In Open Execution					
	Size	Rating (Amps)	Pole	Reference	List Price (₹)
NM-Series	Frame 1	63	4	CSCS63NM4CO*	4090
	Frame 1	100	4	CSCS100NM4CO*	5430
	Frame 2	125	4	CSCS125NM4CO	8130
	Frame 2	160	4	CSCS160NM4CO	8950
	Frame 2	200	4	CSCS200NM4CO	10760
	Frame 2	250	4	CSCS250NM4CO	13160
DM-Series	Frame 2	315	4	CSCS315DM4CO	17340
	Frame 2	400	4	CSCS400DM4CO	25160
K-Series	Frame 3	630	4	CSCS630K4CO	29920
	Frame 3	800	4	CSCS800K4CO	43400
P-Series	Frame 4	1000	4	CSCS1000P4CO	72030
	Frame 4	1250	4	CSCS1250P4CO	98470
	Frame 4	1600	4	CSCS1600P4CO	135940
	Frame 5	2000	4	CSCS2000P4CO	173620
	Frame 5	2500	4	☒ CSCS2500P4CO	232350
	Frame 5	3150	4	☒ CSCS3150P4CO	320230

In Sheet Steel Enclosure					
	Size	Rating (Amps)	Pole	Reference	List Price (₹)
NM-Series	Frame 1	63	4	E-CSCS63NM4CO	5730
	Frame 1	100	4	E-CSCS100NM4CO	7390
	Frame 2	125	4	E-CSCS125NM4CO	10990
	Frame 2	160	4	E-CSCS160NM4CO	12075
	Frame 2	200	4	E-CSCS200NM4CO	13975
	Frame 2	250	4	E-CSCS250NM4CO	17370
DM-Series	Frame 2	315	4	E-CSCS315DM4CO	21330
	Frame 2	400	4	E-CSCS400DM4CO	31710
K-Series	Frame 3	630	4	E-CSCS630K4CO	36500
	Frame 3	800	4	E-CSCS800K4CO	52500
P-Series	Frame 4	1000	4	E-CSCS1000P4CO	90750
	Frame 4	1250	4	E-CSCS1250P4CO	117200
	Frame 4	1600	4	E-CSCS1600P4CO	158060
	Frame 5	2000	4	E-CSCS2000P4CO	211810
	Frame 5	2500	4	☒ E-CSCS2500P4CO	278770
	Frame 5	3150	4	☒ E-CSCS3150P4CO	377870

Notes:

'K' series from 1000A to 3150A in open execution is also available on special request for retrofit orders only. For price, please contact nearest Branch Office.

** 63A-100A, if 1NO+1NC auxiliary contact is required please add price of auxiliary contact from page 48.

■ Upto 800A

On Load Changeover Switches (Available for retrofit orders only)

	Size	Rating (Amps)	Pole	Reference	List Price (₹)
DM-Series	Frame 1	63	4	CSCS63DM4CO	4705
	Frame 1	80	4	CSCS80DM4CO	5830
	Frame 1	100	4	CSCS100DM4CO	6780
	Frame 1	125	4	CSCS125DM4CO	8715
	Frame 1	160	4	CSCS160DM4CO	9410
	Frame 2	200	4	CSCS200DM4CO	11575
	Frame 2	250	4	CSCS250DM4CO	16550

	Size	Rating (Amps)	Pole	Reference	List Price (₹)
DM-Series	Frame 1	63	4	E-CSCS63DM4CO	6540
	Frame 1	80	4	E-CSCS80DM4CO	7935
	Frame 1	100	4	E-CSCS100DM4CO	8808
	Frame 1	125	4	E-CSCS125DM4CO	10980
	Frame 1	160	4	E-CSCS160DM4CO	12600
	Frame 2	200	4	E-CSCS200DM4CO	14590
	Frame 2	250	4	E-CSCS250DM4CO	20190

On Load Changeover Switches

ACCESSORIES

Auxiliary Contacts for NM Type Changeover		
Description	Reference	List Price (₹)
1NO +1NC for 63~100A#	CSCONM1 AUX 10	425
1NO +1NC for 125~250A	CSCONM2 AUX 10	
# Factory fitted only.		

Direct handle Mounting Kit for NM Type Changeover		
Rating (Amps)	Reference	List Price (₹)
63~100A	CSCONM1 HMB	340
125~250A	CSCONM2 HMB	425

Switch Handle Shaft for NM Type Changeover		
Rating (Amps)	Reference	List Price (₹)
63~100A	CSPNM1 8X80	237
125~250A	CSPNM2 8X110	316

Handle Sub Assembly for NM Type Changeover		
Rating (Amps)	Reference	List Price (₹)
63~100A	CSCONM1 H 80 S8	475
125~250A	CSCONM2 H 145 S8	678

Switch Disconnecter Fuse Changeover (without Fuse Link)

LT Switch Disconnecter Fuse Changeover complete with Handle Assembly having Door Interlock and Padlocking arrangement.

4 Pole in Open Execution				
Size	Rating (Amps)	Reference	List Price (₹)	Recommended Fuse Links Type (IEC Size) BS
Frame 1	125	CSCF125B4CO	12465	CTF-125(B2)
	160	CSCF160B4CO	13380	CTF-160(B2)
Frame 2	200	CSCF200B4CO	22585	CTF-200(B2)
	250	CSCF250B4CO	22795	CTKF-250(B3)
	315	CSCF315B4CO	23530	CTKF-315(B3)
	400	CSCF400B4CO	33780	CTMF-400(B4)
Frame 3	630	CSCF630B4CO	39795	CTTM-630(C2)
	800	CSCF800B4CO	48830	CTLTM-800(C3)

4 Pole in Sheet Steel Enclosure				
Size	Rating (Amps)	Reference	List Price (₹)	Recommended Fuse Links Type (IEC Size) BS
Frame 1	125	E-CSCF125B4CO	15870	CTF-125(B2)
	160	E-CSCF160B4CO	17350	CTF-160(B2)
Frame 2	200	E-CSCF200B4CO	27320	CTF-200(B2)
	250	E-CSCF250B4CO	27800	CTKF-250(B3)
	315	E-CSCF315B4CO	28790	CTKF-315(B3)
	400	E-CSCF400B4CO	42090	CTMF-400(B4)
Frame 3	630	E-CSCF630B4CO	48010	CTTM-630(C2)
	800	E-CSCF800B4CO	55180	CTLTM-800(C3)



Bypass Switches

LT By Pass Switch complete with Handle Assembly having Door Interlock and Padlocking arrangement.

In Open Execution				
Size	Rating (Amps)	Pole	Reference	List Price (₹)
Frame 1	63	4	CSBS63DM4	12960
	80	4	CSBS80DM4	13970
	100	4	CSBS100DM4	14675
	125	4	CSBS125DM4	15935
	160	4	CSBS160DM4	18800
Frame 2	200	4	CSBS200DM4	20290
	250	4	CSBS250DM4	29470
	315	4	CSBS315DM4	30600
	400	4	CSBS400K4	45900
Frame 3	630	4	CSBS630K4	52155
	800	4	CSBS800K4	66950
Frame 4	1000	4	CSBS1000P4	120960
	1250	4	CSBS1250P4	166120
	1600	4	CSBS1600P4	22290

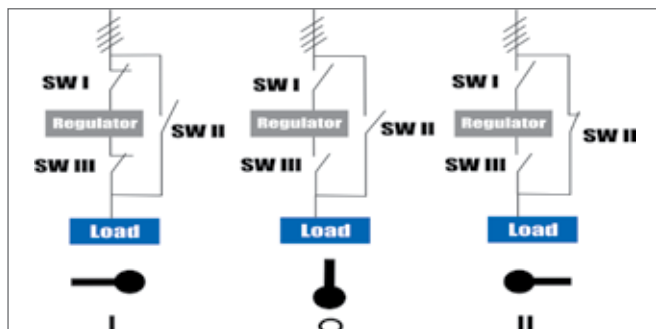
Notes:

'K' series from 1000A to 3150A in open execution is also available on special request for retrofit orders only. For price, please contact nearest Branch Office.
Door interlock & Pad locking arrangements is available upto 800A

Bypass Switch application

Table of Operation				
Handle	Switch-I	Switch-II	Switch-III	Remarks
Position-I	ON	OFF	ON	Regulated Supply to Load
Position-O	OFF	OFF	OFF	No Supply, Load as well as Regulator Isolated from incoming source
Position-II	OFF	ON	OFF	Direct Supply, Regulator By-passed & Isolated

In Sheet Steel Enclosure				
Size	Rating (Amps)	Pole	Reference	List Price (₹)
Frame 1	63	4	E-CSBS63DM4	16285
	80	4	E-CSBS80DM4	17440
	100	4	E-CSBS100DM4	17895
	125	4	E-CSBS125DM4	20380
	160	4	E-CSBS160DM4	22010
Frame 2	200	4	E-CSBS200DM4	24880
	250	4	E-CSBS250DM4	35770
	315	4	E-CSBS315DM4	38210
	400	4	E-CSBS400K4	53540
Frame 3	630	4	E-CSBS630K4	61220
	800	4	E-CSBS800K4	90685
Frame 4	1000	4	E-CSBS1000P4	149380
	1250	4	E-CSBS1250P4	201660
	1600	4	E-CSBS1600P4	266750



Accessories for Changeover -Type DM/K/P

Auxiliary Contacts				
Contacts Configuration	For Switch Type	Qty./ Switch	Reference	List Price (₹)
1 NO + 1 NC	CSCS/CSBS 63A-160A Upper CSCF 125A-160A	1	CSCSX1-U	465
1 NO + 1 NC	CSCS/CSBS 63A-160A Lower CSCF 125A-160A	1	CSCSX1-L	465
2 NO + 2 NC	CSCS/CSBS 63A-160A Upper CSCF 125A-160A	1	CSCSX3-U	905
2 NO + 2 NC	CSCS/CSBS 63A-160A Lower CSCF 125A-160A	1	CSCSX3-L	905
1 NO + 1 NC	CSCS/CSBS 200A-1600A CSCF 200A-800A	2	CSCSX2	937
2 NO + 2 NC	CSCS/CSBS 200A-1600A CSCF 200A-800A	2	CSCSX4	1810

Notes : If changeovers switch is required with Auxiliary contacts, please order the same separately. Prices listed are for the pair of auxiliary contacts, if applicable.

Spare Handle		
Rating (Amps)	Reference	List Price (₹)
CSCS/CSBS 63-315A/CSCF125-315A	CCOH 145 S8	738
CSCS/CSBS 400A-1600A/CSCF400-800A	CCOH 220 S12	955
CSCS 2000A-3150A (Metallic)	CSDA6	1080

Spare Poles (Price per Pole)

Rating (Amps)	Type	Reference	List Price (₹)
63	CSCS/CSBS	CSSD-SP-63DM	1040
80	CSCS/CSBS	CSSD-SP-80DM	1060
100	CSCS/CSBS	CSSD-SP-100DM	1153
125	CSCS/CSBS/CSCF	CSSD-SP-125DM	1173
160	CSCS/CSBS/CSCF	CSSD-SP-160DM	1173
200	CSCS/CSBS/CSCF	CSSD-SP200DM	1575
250	CSCS/CSBS/CSCF	CSSD-SP250DM	2105
315	CSCS/CSBS/CSCF	CSSD-SP315DM	3070
400	CSCS/CSBS/CSCF	CSCS-SP400K	5910
630	CSCS/CSBS/CSCF	CSCS-SP630K	6776
800	CSCS/CSBS/CSCF	CSCS-SP800K	9025
1000	CSCS/CSBS	CSCS-SP1000P	13570
1250	CSCS/CSBS	CSCS-SP1250P	16985
1600	CSCS/CSBS	CSCS-SP1600P	19560

Notes: for one changeover of 4 pole, 8 Nos of sparepoles are required.

Spare Handle Shaft

Type	Reference	List Price (₹)
CSCS 63-315A CSBS 63-315A CSCF125-315A	CSP8X200	251
CSCS 400A-1600A	CSP12X205	288
CSCS 2000A-3150A CSBS 400A-1600A CSCF 400A-1600A	CSP12X305	463

Switch Disconnector Fuse Changeover (Conventional Type / Side-by-Side)

LT Heavy Duty 4 Pole Changeover Switch Disconnector Fuse unit comprising of two Switches, 32A - 800A, 415V, 50Hz mounted on common chassis complete with Mechanical Interlock and Handle Assembly having Door Interlock & Padlocking arrangements.

CSSDF in Open Execution, 4 Pole				
Size	Rating (Amps)	Reference		List Price (₹)
		DIN	BIS	
Frame 1	32	☒ CSSDF32D4CO	☒ CSSDF32B4CO	7305
	63	☒ CSSDF63D4CO	☒ CSSDF63B4CO	8825
Frame 2	100	☒ CSSDF100D4CO	☒ CSSDF100B4CO	13770
	125	☒ CSSDF125D4CO	☒ CSSDF125B4CO	16130
	160	☒ CSSDF160D4CO	☒ CSSDF160B4CO	20775
Frame 3	200	☒ CSSDF200D4CO	☒ CSSDF200B4CO	27320
	250	☒ CSSDF250D4CO	☒ CSSDF250B4CO	29890
	315	☒ CSSDF315D4CO	☒ CSSDF315B4CO	31630
	400	☒ CSSDF400D4CO	☒ CSSDF400B4CO	42330
Frame 4	630	☒ CSSDF630D4CO	☒ CSSDF630B4CO	59590
	800	-	☒ CSSDF800B4CO	69265

Load Break Changeover Conventional Type / Side-by-Side

LT Heavy Duty 4 Pole Changeover Load Break Switch comprising of two Switches 25A - 3150A, 415V, 50Hz mounted on common chassis complete with Mechanical Interlock and Handle Assembly having Door Interlock and Padlocking arrangements.

CSSD in Open Execution, 4 Pole			
Size	Rating (Amps)	Reference	List Price (₹)
Frame 1	25	☒ CSSD25D4CO	5270
	40	☒ CSSD40D4CO	6030
Frame 2	63	☒ CSSD63D4CO	6340
Frame 3	125	☒ CSSD125DM4CO	11820
	160	☒ CSSD160DM4CO	13060
Frame 4	200	☒ CSSD200DM4CO	15045
	250	☒ CSSD250DM4CO	20575
	400	☒ CSSD400K4CO	32590
Frame 5	630	☒ CSSD630K4CO	38390
	800	☒ CSSD800K4CO	52380
Frame 6	1000	☒ CSSD1000P4CO	94822
	1250	☒ CSSD1250P4CO	113490
	1600	☒ CSSD1600P4CO	153365
Frame 7	1800	☒ CSSD1800P4CO	193520
	2500	☒ CSSD2500P4CO	349980
	3150	☒ CSSD3150P4CO	417420

Note:

- Shorting Links/Busbars NOT provides with open execution in conventional type Changeover Switches Enclosure Prices on request.
- 'K' series from 1000A to 3150A in open execution is also available on special request for retrofit jobs only. For price, please contact nearest Branch Office.

Off-load Changeover Switch				
Reference	Rating (Amps)	Pole	Rated Voltage	List Price (₹)
CSCSOF32CO2	32	2	250 V	1465
CSCSOF63CO2	63	2	250 V	2840
CSCSOF32CO4	32	4	415 V	2455
CSCSOF63CO4	63	4	415 V	5015
CSCSOF100CO4	100	4	415 V	9930
CSCSOF200CO4	200	4	415 V	15060
CSCSOF315CO4	315	4	415 V	19365
CSCSOF400CO4	400	4	415 V	22270

Accessories - Changeover Switches (CSSDF)

Spare Handles		
For Switch Type	Reference	List Price (₹)
CSSDF 32A - 160A (Moulded)	☒ CCOH 80 S6	525
CSSDF 200A - 400A (Moulded)	☒ CCOH 220 S12	936
CSSDF 630A - 800A (Metallic)	☒ CSDA6	1070

Operating Mechanism - For CSSDF Changeover Switches

For Switch Type	Reference	List Price (₹)
CSSDF 32A-160A	☒ CSSDFZW1	2920
CSSDF 200A-400A	☒ CSSDZW12/1	8215
CSSDF 630A-800A	☒ CSSDZW12	10120

Accessories - Changeover Switch (CSSD)

Spare Handles		
For Switch Type	Reference	List Price (₹)
CSSD 25A-125A (Moulded)	☒ CCOH 00 S6	525
CSSD 200A-800A (Moulded)	☒ CCOH 220 S12	935
CSSD 1000A-3150A (Metallic)	☒ CSDA6	1070

Operating Mechanism

For Switch Type	Reference	List Price (₹)
CSSD 25A - 40A	☒ CSSDZW6	2760
CSSD 63A - 125A (DM type)	☒ CSSDZW6/1	2890
CSSD 200A - 400A (DM type)	☒ CSSDZW11A	2890
CSSD 400A - 800A (K type)	☒ CSSDZW11	5990
CSSD 1000A - 3150A (P type)	☒ CSSDZW12	10120

Switch Fuse Unit: Rewirable with Side Handle

Reference	Rating (Amps)	Pole	Rated Voltage	List Price (₹)
CSRW16P1NS	16	SPN	240 V	504
CSRW32P1NS	32	SPN	240 V	1255
CSRW16P2S	16	DP	240 V	527
CSRW32P2S	32	DP	240 V	1350
CSRW32P3NS	32	TPN	415V	2017
CSRW63P3NS	63	TPN	415V	4205
CSRW100P3NS	100	TPN	415V	7965
CSRW200P3NS	200	TPN	415V	12620

