



CHANGEOVER SWITCH

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सिलिका **मिळीव** **নরায়ণ** **تحت چت** **SILICA** **சிலிக்கா** **SILIKA** **ر.ا.ا** **سيليكا**



INTRODUCTION

Hello,

I have pleasure to introduce myself as the founder of the group of companies Called “**Silica Group**”, located at prime location in the country i.e, New Delhi, in INDIA.

The Group was established in the year 1991-1992 and have specialized the in the Manufacturing of a range of items used in Industrial & Domestic Sectors. Our product range include Whole range of Switch Gear, Wire & Cables, Electrical Accessories, Home Appliances, Public Address System, Mobile Phone Accessories, Electricity Generators, LED's, Etc. Further, our group extended its range of manufacturing Fans, Lighting Fittings, Electrical measuring instruments such as Voltmeter, Energy Meter etc. Encouraged by the good marked response to these products, the group embarked on further enlarging the scope to include manufacturing of the full range of Miniature Circuit Breakers (MCB's), water pump, etc. Today, Our group has established itself as one of the prime manufacturers and suppliers of Electrical Items, both in the domestic as well as in the Global Market. We feel proud to mention that our group is successful in capturing the export markets of the Gulf, African & Asian Countries.

Our manufacturing premises is a well-modernised plant with various special purpose tools & machines installed for manufacturing the various range of products. It is a matter of delight for me to mention that nearly around 100000 Nos. of components are being turned out from manufacturing units for their ultimate use in the end products.

In this highly competitive market, we are able to sustain and progressively register increased sales volume year after year; merely because of **TOTAL COMMITMENT to TOTAL QUALITY MANAGEMENT** at every stage of Manufacturing till the goods are delivered to our esteemed buyers. Quality audits and stringent checks are built into our quality control so as to maintain highest levels of quality of our products.

Looking forward of your esteemed organization & assuring you the best services at all times from our side.

With Regards,

AJAY KUMAR JAIN

EXPORT

TANZANIA SUDAN NIGERIA GHANA ETHIOPIA BANGLADESH KENYA KUWAIT
YEMEN QATAR CONGO OMAN SRI LANKA U.A.E. MYANMAR



सिलिका मिनीवा नरयटीव बॅट चॅट SILICA சிலிக்கா SILIKA ᱵᱟᱨᱜᱟᱴ আগ্নেয় ধাতব পদার্থবর্শিষে السيليكا

OFF LOAD CHANGEOVER SWITCH

CONSTRUCTION

CONTACTS

Contacts are made of electrolytic copper, silver plated for long contact life, increase of current carrying capacity and to ensure temperature rise within permissible limits.

OPERATING HANDLE AND INTERLOCKING

The operating handle is made of steel and is provided on the right hand side of the switch enclosure. Door interlock ensures the door cannot be opened when the switch is in ON position thereby providing safety.

TERMINAL BLOCKS

Terminal blocks are provided for cable termination. These are made of Procelain which has excellent mechanical, thermal and Dielectric properties

ENCLOSURE

The enclosure is made of sheet steel suitable for individual mounting. They are provided with adequate knockout for cable entry and inner mounting holes for switch ratings upto 200A and mounting brackets for switch rating 320A and above.



DOUBLE POLE



Current Rating (A)	Cat. No.
16	CFDP0016
32	CFDP0032
63	CFDP0063

THREE POLE



Current Rating (A)	Cat. No.
32	CFTP0032
63	CFTP0063
100	CFTP0100

FOUR POLE



Current Rating (A)	Cat. No.
16	CFFP0016
32	CFFP0032
63	CFFP0063
100	CFFP0100
200	CFFP0200
320	CFFP0320
400	CFFP0400

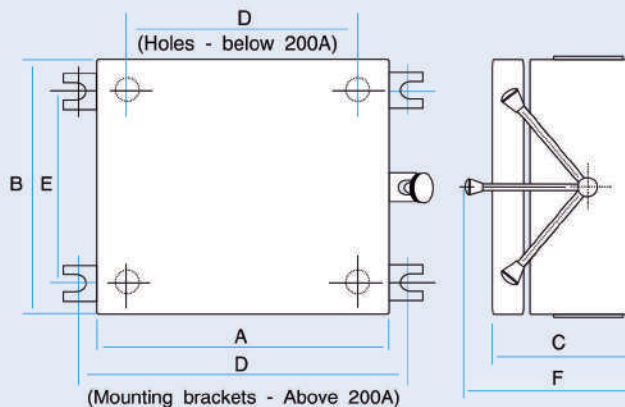
OFF LOAD CHANGEOVER SWITCH

FOUR POLE (KNIFE TYPE)



Current Rating (A)	Cat. No.
63	CFFK0063
100	CFFK0100
200	CFFK0200
320	CFFK0320
400	CFFK0400
630	CFFK0630
800	CFFK0800
1000	CFFK1000

DIMENSIONS (IN MM)



Rating	A	B	C	D	E	F	Size for Cable entry & exit	Size of Al. conductor	Size of knock-out
Double Pole									
16	136	205	98	92	160	165		16 mm ²	25.4
63A	270	318	135	205	256	220		25 mm ²	
100A	316	320	141	254	258	240	282x60	50 mm ²	
Three Pole									
32A	210	217	103	166	173	169		16 mm ²	25.4
63A	270	318	135	205	256	220		25 mm ²	38
100A	316	320	141	254	258	240	282x60	50 mm ²	38
Four Pole									
16A	210	205		172	154	165	„	4 mm ²	25.4
32A	210	217	103	166	173	169	„	16 mm ²	25.4
63A	270	318	135	205	256	220	„	25 mm ²	38
100A	400	320	141	338	258	245	366x60	50 mm ²	38
200A	425	495	240	322	390	400	„	150 mm ²	
320A	425	495	240	322	390	400	„	240 mm ²	
400A	515	595	314	545	480	418			
500A	515	595	314	545	480	418			
630A	605	595	323	640	480	505			
800A	605	595	323	640	480	505			
1000A	730	700	343	780	550	„			

Note : * Switches of ratings upto 100Amps are On-Load and above Off-Load **Changeover switches upto 100Amps can also be used for reversal of motors

OFF LOAD CHANGEOVER SWITCH

A comprehensive range of Offload Changeover Switches with side handle operation find wide application in all general industries where individual system require safe and reliable transfer of power from main supply to standby supply and vice versa. Offload Changeover Switches are supplied in sheet steel enclosure, side operated with three stable positions; | - O - |, (centre-off position)

Range :

- * 16A - 63A, 240V in Double Pole Version
- * 32A-100A, 415V in Three Pole Version
- * 16A-1000A, 415V in Four Pole Version

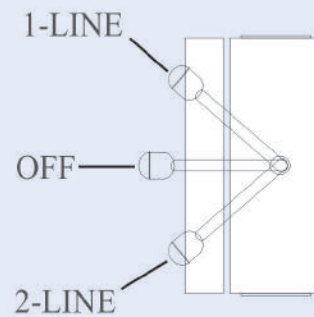
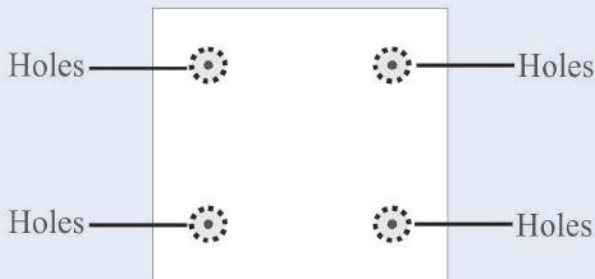
Specification :

As per NE 60947-3-1999 / IEC 60947-1 and Applicable Part.

Testing :

Mechanical & Technical Testing is approved by ERTL (INDIA)

- * 1 Product information 5
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- * 3 Tests 8
- * Temperature Rise
- * Marking / Break
- * Dielectric Test



Features

OFF LOAD CHANGE OVER SWITCH

- ★ Contacts are Silver / Nickel plated to ensure high conductivity & longer life.
- ★ Most ideal for changing over of the supply in industrial / domestic sectors.
- ★ Housed in deep drawn sheet steel enclosure for 16 to 63 Amp. & fabricated for 32 to 400 Amp. pretreated and powder coated for elegant finish.
- ★ Fool proof door interlocking to ensure the safety to the person.
- ★ Manufactured with porcelain shield bases & covers.
- ★ As per IS 4064 - 1978 - PART - I & II specifications.
- ★ Knock outs provided at the top & bottom.

**T
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P
E**

- ★ Off load C.O.
- ★ On load C.O.
- ★ KnIfe type C.O.
- ★ Front Operated C.O.

Rating : 16/ 32/ 63/ 100/ 200/300/400 Amp.
Rated Voltage : 240/415 Volt.
Execution : DP. TP. FP.



OFF LOAD CHANGEOVER SWITCH

Scan the QR Code
to download
SILICA Catalogue



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