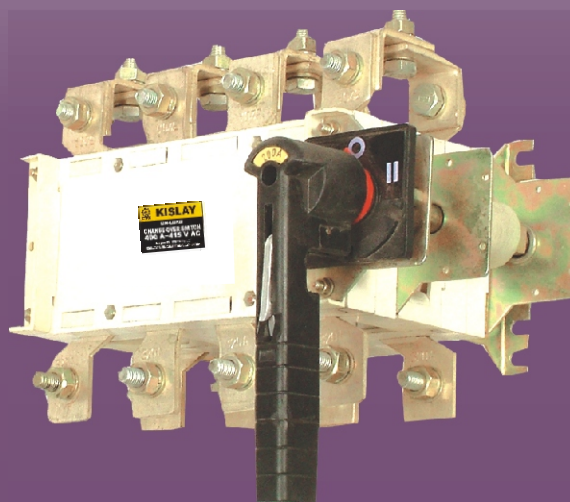


# ON-Load & OFF-Load Change-Over Switch (With Indicator)



An ISO 9001 Certified Company



**KISLAY & ENGINEERING CO.**

**• ELECTRICAL • ELECTRONICS • MECHANICAL • SAFETY**

## CHANGEOVER SWITCHES (SIDE HANDLE OPERATION)

### Application\*

Changeovers find application in all general industries like Textile Cement process Industries, Railways, Hotels, Power Supply Systems where individual mounting of the Switches is required for safe and reliable transfer of power from Electricity Supply Company to captive generations source and vice versa.

### Design

Changeover Switches are two way 1-0-2 Type with ON-OFF position, supplied in sheet steel enclosure duly phosphatised and powder painted for longer life.

### Specification

As per IS : 13947 (93)

### Ratings

Double Pole 32A, 240V

Triple Pole 32A to 100A, 415V

Four Pole 16A to 2000A, 415V

### Contacts

Contacts are made of electrolytic copper, plated with silver for longer contact life, to increase current carrying capacity and to ensure that the temperature rise is within the limits as specified by IS specifications (maintaining proper contact pressure).

### Mounting

Changeovers are suitable for individual mounting. Suitable holes and mounting brackets are provided in enclosures.

### Interlocking and Operation Handle

Door Interlocking is an in-built feature in KECO Changeover Switches. The operating handle made of steel and is provided on the right hand side of Changeover Switches.

### Terminal Blocks

All terminal blocks are made of DMC/ SMC/HYLAM, which has very good electrical and mechanical properties to ensure long life of Changeover Switches.

## TECHNICAL DETAILS

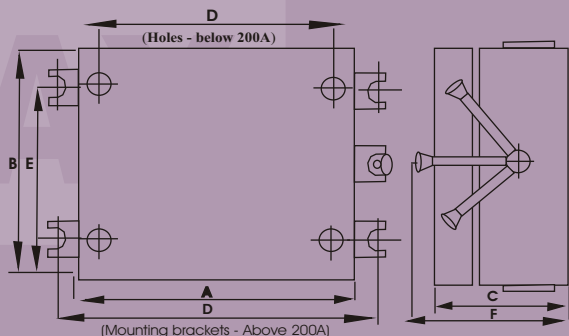
Rating	A	B	C	D	E	F	Size For Cable Entry & Exit	Size of Al. Conductor.	Size of Knock-out
DP Changeover Switch									
32/415	136	205	98	92	160	165	—	16mm <sup>2</sup>	25.4 0
TP Changeover Switch									
32A	210	217	103	166	173	169	—	16 mm <sup>2</sup>	25.4 0
63A	267	318	135	205	256	220	—	25 mm <sup>2</sup>	38 0
100A	316	320	141	254	258	240	282X60	50 mm <sup>2</sup>	38 0
320A	340	495	242	240	395	—	—	240 mm <sup>2</sup>	—
400A	400	595	292	430	480	—	—	300 mm <sup>2</sup>	—
FP Changeover Switch									
16A	220	205	98	172	154	165	—	4 mm <sup>2</sup>	25.4 0
32A	210	217	103	166	173	169	—	16 mm <sup>2</sup>	25.4 0
63A	267	318	135	205	256	220	—	25 mm <sup>2</sup>	38 0
100A	400	320	141	338	258	245	366X60	50 mm <sup>2</sup>	38 0
200A	425	495	245	322	390	400	—	150 mm <sup>2</sup>	—
320A	425	495	245	322	390	400	—	240 mm <sup>2</sup>	—
400A	515	595	314	545	480	418	—	—	—
500A	515	595	314	545	480	418	—	—	—
600A	605	595	323	640	480	505	—	—	—
800A	605	595	323	640	480	505	—	—	—
1000A	730	700	323	780	550	—	—	—	—
1250/1500	1143	685	—	1219	468	680	—	—	—
2000A	1248	760	—	1315	545	770	—	—	—

## ON-LOAD CHANGEOVER SWITCHES

- Wide Range 125A To 2000A
- 4 Pole with advanced neutral for the entire range.
- Quick make quick break mechanism
- Double isolation with four breaks per pole
- Separate arcing and arcing and main contacts
- Arc chutes and arc barriers in all sizes for fast arc quenching
- Maintenance free with very high mechanical life coupled with equally high electrical life.
- Handle with door interlock & pad lock facility prevents the opening of the panel door when the switch is in 'ON' position
- Large terminal area suitable for Al / Cu cables and also for bus-bar terminals
- Phase barriers between individual phases
- Auxiliary contacts for signaling and Interlocking
- The shorting links can be connected on either side to facilitate interchangeability of load & line depending on the panel design - Advantage in having Incoming / Out going circuits in panel.
- Rigid mounting legs
- Flag indicator for each switch position, positive indication for the state of contact system in position I/O/II

## CHANGEOVER SWITCH

All dimensions are in mm Dimension of other sizes available on request



DUE TO REGULAR IMPROVEMENT THE DESIGN AND DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

### NOTE:

\*\* ON LOAD CHANGEOVER SWITCHES CAN ALSO BE USED FOR REVERSAL OF MOTORS.

Our business associates :



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