



India's Largest Growing Electrical Company

ABOUT US

RK Industries is one of India's greatest growing Electrical Company, with a glorious track record.

We are part of 2 decade old superfine group into Textiles and Electronics and our competitive edge lies in product innovation, superior quality and easy availability.

We enjoy enviable market dominance across a wide spectrum of products, including Circuit Breakers, Electrical Distribution Boxes, MCB Box, Changeover Switches and industrial Applications.

We along with our brands, have earned the distinction of being the preferred choice of electrical products for discerning individuals and industrial consumers both in India and abroad. We offer same quality products for both Indian and International markets.

Our products & processes have acquired a number of International quality. The company has highly experienced and qualified set of professionals, with strong adherence to the quality management system. We have office in the Hyderabad (INDIA), with a wide network of authorized distributors and dealers to cater to every customer segment in domestic as well as International market.

QUALITY

We at RK Industries adhere to stringent quality control procedures as per total quality management system. Our quality control process / control parameters conform to ISO Standards.

Our quality control process is judiciously carried out at every level of production starting from the design stage till each of our product is 100% individually tested by skilled engineers for various field conditions. Our products are made using superior raw material and adopting the most modern technology and machinery.

We believe that quality is the key to achieving complete customer satisfaction.

In-depth industry knowledge and streamlined work process has earned us the trust amongst our customers.



Power Control Center

RK INDUSTRIES has gained a huge reputation in the market as a noteworthy manufacturer of Panels in HYDERABAD. We've been engaged in serving our comprehensive and customized range to customers around the globe. Our complete range is manufactured at our in-house facility as per the industry norms and quality standards.

Power Control Centre is used for distribution and control of various power source used in industry. Normally Power Control Centers is installed near power source hence fault level is high.

Being one of the best Panels Manufacturers in HYDERABAD, we have used superior quality raw materials while manufacturing our products to secure their quality and performance. In addition to this, our quality assurance cell thoroughly tests our products on a regular basis during production to minimize any chances of flaws in the final product.



PCC PANEL

Motor Control Center

A motor control center (MCC) is an assembly to control some or all electric motors in a central location. It consists of multiple enclosed sections having a common power bus and with each section containing a combination starter, which in turn consists of motor starter, fuses or circuit breaker, and power disconnect.

MCC PANEL



METER PANEL

Meter Panel

Panel Meters are an essential component of any industry where monitoring and/or control of equipment is taking place. These are instruments that display a signal's analog or digital value, depending on the product's specifications.



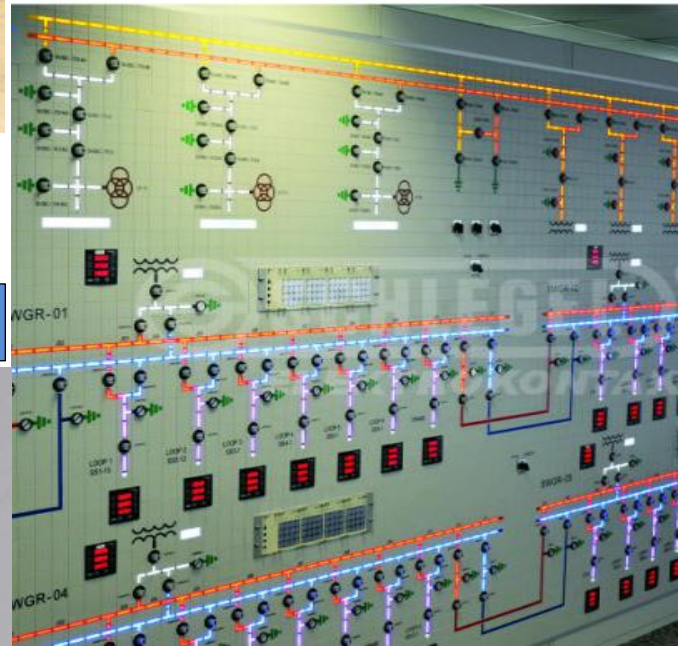


PLC Panel

PLC Panel (Programmable Logic Controller Panel): Programmable Logic Controllers (PLCs) are small industrial computers with modular components designed to automate customized control processes. Integrated PLC Panel can monitor any process and provide data wherever and however you need it.

PLC PANEL

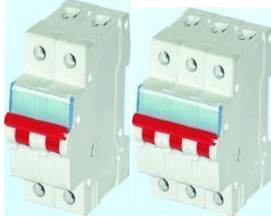
MIMIC PANEL



Mimic Panel

Mimic panel is a fire and gas purpose panel on which shows a geographical layout of the installation and equipment to represent rapid visual appraisal of any fire and gas hazard. Mimic panel shall be installed at convenient location to the personnel sight.

**Miniature Circuit Breaker
Isolator - Dura Series**



Salient Features

- Centre knob Mechanism for better performance.
- Conforms to IS: 13947 Part 1 & 31 IEC : 60947 Part 1 & 3. Compact design saves space.
- Capable of making, carrying & breaking currents under normal circuit conditions.
- Easy snap on DIN Rail mounting. Can be mounted with other products
i.e. MCBs / ELCBs.

Range

40A - 150A

Distribution Boards



VERTICAL - ALLIGNED



FALT-VERTICAL - ALLIGNED



MAG SERIES



ROW DB's

MINIATURE CIRCUIT BREAKERS AND ISOLATORS

Miniature Circuit Breaker



Salient Features

- ISI marked & Conforms to IS: 8882(96) and IEC: 66898-1: 2002. Lower watt losses than stipulated in IEC: 60898:1: 2002.
- Breaking Capacity t y of 10 K A for the complete range from 6A to 63A in single pole & multiple pole tested.
- Dual protection against short circuit & overload. MCBs are finger protected to IP20 as per IS: 8828: 1996 and IEC 898.
- Trip free mechanism ensures tripping of MCB even the knob is kept in ON position.

Range

- 6A - 63A (B curve)
- 0.5A - 63A (C curve)

Miniature Circuit Breaker- Isolator



Salient Features

- Conforms to IS : 13947 Part 1 & 31 IEC : 60947 Part 1 & 3.
- Compact design saves space, capable of making, carrying & breaking currents under normal circuit conditions.
- Easy snap on DIN Rail mounting.
- Can be mounted with other products i.e. MCBs / ELCBs.

Range

40A - 100A

Miniature Circuit Breaker- Dura Series



Salient Features

- Centre knob Mechanism for better performance.
- ISI marked & Conforms to IS: 8882(96) and IEC: 66898-1: 2002. Lower watt losses than stipulated in IEC: 60898:1: 2002.
- Breaking Capacity t y of 10 K A for the complete range from 6A to 63A in single pole & multiple pole tested.
- Dual protection against short circuit & overload. MCB are finger protected to IP 20 as per IS : 8828 : 1996 and IEC 898.
- Trip free mechanism ensures tripping of MCB even the knob is kept in ON position.

Range

- 6A - 63A (B curve) | 0.5A - 63A (C curve)



HORIZONTAL SERIES



ROBO DBs SEREIS

DECORATIVE SERIES

Salient Features



- Conforms to IS : 13032 & IS : 8623 Part - 3.
- Made of special grade CRCA Sheet steel to provide strength and longer life to enclosures. Coated with latest powder coating technology for long lasting life & Mounting finish.
- Current carrying parts are made of electrolytic grade of copper to attain high conductivity and low resistivity thereby keeping temperature rise and distribution losses very low.
- Adequate number of knockout holes of various sizes are provided both at top & bottom.
- Designer Double Door: both sides' detachable gland plates with knockouts and masking sheet provided. Cement Spill protector.
- Ample (Sufficient) wiring space is provided to ensure proper distribution of neutral and earth wires. Wide range of distribution boards used for different applications.
- Suitable for surface & flush mounting.
- Decorative Side Strip Fitted.

Range (Adjustable / Non Adjustable) SPN – 4, 6, 8, 10,12,16,18, 20Ways

- TPN – 4, 6, 8,12Ways
- Colours: - Cool Grey, Fine / Dark Grey, Era White

No. of Ways	A	B	C Non Adj/Adj	D	E	F	G
4	210	145	85/100	225	175	80	150
6	210	180	85/100	225	210	115	150
8	210	215	85/100	225	245	150	150
10	210	250	85/100	225	280	185	150
12	210	285	85/100	225	315	220	150
16	210	355	85/100	225	385	290	150
18	210	390	85/100	225	420	325	150
20	210	425	85/100	225	455	360	150

No. of Ways	A	B	C	D	E	F
4	385	260	398	285	182	308
6	385	330	398	355	252	308
8	385	400	398	425	322	308
12	385	540	398	565	462	308

ROW-DB's SERIES

Salient Features



- Conforms to IS: 13032 & IS: 8623 Part - 3.
- Made of special grade CRCA Sheet steel to provide strength and longer life to enclosures. Coated with latest powder coating technology for long lasting life & Mounting finish.
- Current carrying parts are made of electrolytic grade of copper to attain high conductivity and low resistivity there by keeping temperature rise and distribution losses very low.
- Adequate number of knockout holes of various sizes are provided both at top & bottom.
- Designer Double Door: both sides' detachable gland plates with knockouts and masking sheet provided. Cement Spill protector.
- Door is separately packed for preventing rusting in Double Door Distribution Boards.
- Ample (Sufficient) wiring space is provided to ensure proper distribution of neutral and earth wires. Decorative Corners.
- Wide range of distribution boards used for different applications. Suitable for surface & flush mounting.

Range (Adjustable / Non Adjustable) SPN – 4, 6, 8, 10, 12, 16, 18, 20 Ways

- TPN – 4, 6, 8, 12 Ways
- Colours :- Cool Grey, Fine / Dark Grey, Era White
- With Window and Without Window both are Available

SERIES – SPN – DIMENSION (IN MM)

No. of Ways	A	B	C	D	E	F	G
4	210	145	85/100	225	175	80	150
6	210	180	85/100	225	210	115	150
8	210	215	85/100	225	245	150	150
10	210	250	85/100	225	280	185	150
12	210	285	85/100	225	315	220	150
16	210	355	85/100	225	385	290	150
18	210	390	85/100	225	420	325	150
20	210	425	85/100	225	455	360	150

SERIES – TPN – DIMENSION (IN MM)

No. of ways	A	B	C	D	E	F
4	375	255	410	290	185	285
6	375	325	410	360	255	285
8	375	295	410	430	325	285
12	375	535	410	570	465	285

DOUBLE DOOR SERIES

Salient Features



- Conforms to IS: 13032 & IS: 8623 Part - 3.
- Made of special grade CRCA Sheet steel to provide strength and longer life to enclosures. Coated with latest powder coating technology for long lasting life & Mounting finish.
- Current carrying parts are made of electrolytic grade of copper to attain high conductivity and low resistivity there by keeping temperature rise and distribution losses very low.
- Adequate number of knockout holes of various sizes are provided both at top & bottom.
- Designer Double Door: both sides' detachable gland plates with knockouts and masking sheet provided. Cement Spill protector.
- Door is separately packed for preventing rusting in Double Door Distribution Boards.
- Ample (Sufficient) wiring space is provided to ensure proper distribution of neutral and earth wires. Decorative Corners.
- Wide range of distribution boards used for different applications. Suitable for surface & flush mounting.

Range (Adjustable / Non Adjustable) SPN-4, 6, 8, 10,12,16,18, 20Ways

- TPN - 4, 6, 8,12Ways
- Colours :- Cool Grey, Fine / Dark Grey, Era White
- With Window and Without Window both are Available

DD DB's SERIES - SPN - DIMENSION (IN MM)

DD DB's SERIES- TPN - DIMENSION (IN MM)

No. of ways	A	B	C	D	E	F	G
4	185	125	105/120	222	160	66	120
6	185	160	105/120	222	195	101	120
8	185	195	105/120	222	230	136	120
10	185	230	105/120	222	265	171	120
12	185	265	105/120	222	335	206	120
16	185	335	105/120	222	370	276	120
18	185	370	105/120	222	405	311	120
20	185	405	105/120	222	440	346	120

No. of Ways	A	B	C	D	E	F
4	370	270	115	300	188	315
6	370	340	115	370	258	315
8	370	410	115	440	328	315
12	370	550	115	580	468	315

FLAT DB's SERIES

Salient Features



- Conforms to IS: 13032 & IS : 8623 Part - 3.
- Made of special grade CRCA Sheet steel to provide strength and longer life to enclosures. Coated with latest powder coating technology for long lasting life & Mounting finish.
- Current carrying parts are made of electrolytic grade of copper to attain high conductivity and low resistivity there by keeping temperature rise and distribution losses very low.
- Adequate number of knockout holes of various sizes are provided both at top & bot tom.
- Designer Double Door: both sides' detachable gland plates with knockouts and masking sheet provided. Cement Spill protector
- Door is separately packed for preventing rusting in Double Door Distribution Boards.
- Ample (Sufficient) wiring space is provided to ensure proper distribution of neutral and earth wires. Unique cover design for flush mounting.
- Wide range of distribution boards used for different applications. Sui table for surface & flush mounting.

Range (Adjustable / Non Adjustable) SPN – 4, 6, 8, 10,12,16,18, 20Ways

- TPN – 4, 6, 8,12Ways
- Colours :- Cool Grey, Fine / Dark Grey, Era White
- With Window and Without Window both are Available.

FLAT-DB's SERIES – SPN – DIMENSION (IN MM)

No. of Ways	A	B	C	D	E	F	G
4	210	145	85/100	235	18	80	150
6	210	180	85/100	235	215	115	150
8	210	215	85/100	235	250	15	150
10	210	250	85/100	235	285	185	150
12	210	285	85/100	235	320	220	150
16	210	355	85/100	235	390	290	150
18	210	390	85/100	235	425	325	150
20	210	425	85/100	235	460	360	150

FLAT-DB's SERIES – TPN – DIMENSION (IN MM)

No. of Ways	A	B	C	D	E	F	G
4	385	260	105	410	290	182	308
6	385	330	105	410	360	252	308
8	385	400	105	410	430	322	308
12	385	540	105	410	570	462	308

VERTICAL DECORATIVE DB's SERIES

Salient Features



- Conforms to IS: 13032 & IS: 8623 Part - 3.
- Made of special grade CRCA Sheet steel to provide strength and longer life to enclosures. Coated with latest powder coating technology for long lasting life & Mounting finish.
- Current carrying parts are made of electrolytic grade of copper to attain high conductivity and low resistivity there by keeping temperature rise and distribution losses very low.
- Adequate number of knockout holes of various sizes are provided both at top & bottom.
- Designer Double Door : both sides detachable gland plates with knockouts and masking sheet provided
- Door is separately packed for preventing rusting in Double Door Distribution Boards. Decorative Strips fitted on Top and Bottom.
- Suitable for MCB / MCCB / Isolator / RCCB as incoming and MCBs as outgoing.
- Suitable for surface & flush mounting.

Range (Adjustable / Non Adjustable)

- TPN – 4, 6, 8, 12 Ways
- Colours :- Cool Grey, Fine / Dark Grey, Era White

V- DECORATIVE DB's – TPN – DIMENSION (IN MM)

No. of Ways	A	B	C	D	E	F	G
4	370	454	117	398	471	376	295
6	370	508	117	398	525	430	295
8	370	562	117	398	579	484	295
12	370	710	117	398	727	632	295

VERTICAL DISTRIBUTION BOARDS

Salient Features



- Conforms to IS: 13032 & IS: 8623 Part - 3.
- Made of special grade CRCA Sheet steel to provide strength and longer life to enclosures. Coated with latest powder coating technology for long lasting life & Mounting finish.
- Current carrying parts are made of electrolytic grade of copper to attain high conductivity and low resistivity there by keeping temperature rise and distribution losses very low.
- Adequate number of knockout holes of various sizes are provided both at top & bottom.
- Designer Double Door : both sides detachable gland plates with knockouts and masking sheet provided
- Door is separately packed for preventing rusting in Double Door Distribution Boards. Decorative Strips fitted on Top and Bottom.
- Suitable for MCB / MCCB / Isolator / RCCB as incomer and MCBs as outgoing.
- Suitable for surface & flush mounting.

Range (Adjustable / Non Adjustable)

- TPN – 4, 6, 8, 12 Ways
- Colours :- Cool Grey, Fine / Dark Grey, Era White

VERTICAL DB's – TPN – DIMENSION (IN MM)

No. of Ways	A	B	C	D	E	F	G
4	350	508	108	380	534	425	270
6	350	570	108	380	395	485	270
8	350	624	108	380	654	545	270
12	350	764	108	380	794	685	270

ROW DISTRIBUTION BOARDS

Salient Features



- Conforms to IS: 13032 & IS: 8623 Part - 3.
- Made of special grade CRCA Sheet steel to provide strength and longer life to enclosures. Coated with latest powder coating technology for long lasting life & Mounting finish.
- Current carrying parts are made of electrolytic grade of copper to attain high conductivity and low resistivity there by keeping temperature rise and distribution losses very low.
- Adequate number of knockout holes of various sizes are provided both at top & bottom.
- Designer Double Door: both sides' detachable gland plates with knockouts and masking sheet provided. Door is separately packed for preventing rusting in Double Door Distribution Boards.
- Ample (Sufficient) wiring space is provided to ensure proper distribution of neutral and earth wires. Decorative Strips fitted on Top and Bottom.
- Wide range of distribution boards used for different applications.
- Suitable for surface & flush mounting.

Range (Adjustable / Non Adjustable)

- SPN – 12, 18, 20Ways
- Two / Three / Four Row
- Colours :- Cool Grey, Fine / Dark Grey, Era White

ROW DB's– TPN – DIMENSION (IN MM)

No. of Ways	A	B	C	D	E	F	G
4	350	508	108	380	534	425	270
6	350	570	108	380	395	485	270
8	350	624	108	380	654	545	270
12	350	764	108	380	794	685	270

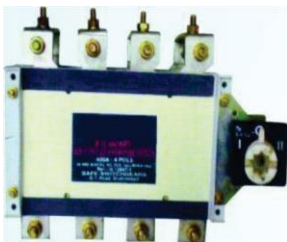
ONLOAD CHANGEOVER SWITCH

Salient Features



- Compact switches available from 63A to 630A.
- Conforms to IS: 13947 (P-1 & 3) and IEC : 947 (P-1 & 3) Sui table for AC - 23A duty.
- Unique modular construction comprising of two load switch disconnection from 125A to 630A NO Load / Line restriction, the shorting link can be connected on either side to facilitate Interchangeability of line and load.
- Flexibility of mounting Horizontal or Vertical mode.
- Separate Arcing and main contact results in to the enhanced life of the switch. Four breaks per pole resulting in faster quenching of the arc.
- Arc chutes and arc barriers provided.
- Large terminal area Suitable for Al / Cu cables and bus bars. Handle with door interlock and padlock facility available. Compact body of fibre glass reinforced polyester resin. Easy panel mounting.
- Hard silver plated current carrying parts.

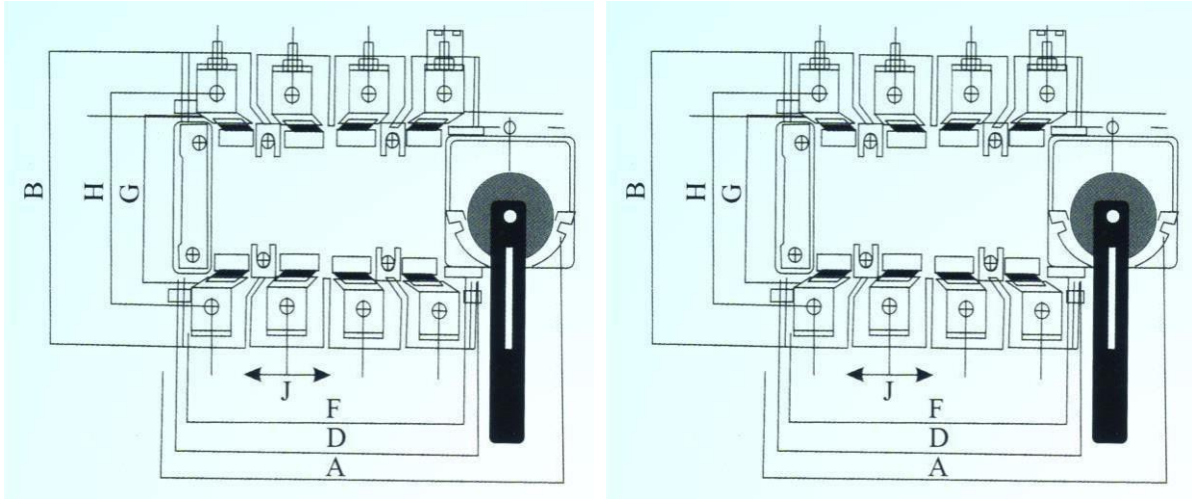
TECHNICAL DATA



- Standard Conformity : IS : 13947 (P-1 & 3) and IEC : 947 (P-1 & 3)
- Rated operational Voltage (Ue) : 415V. A.C.
- Utilization Category : AC-23A
- No. of poles : 4
- Rated insulation voltage (Ui) : 1000V
- Temperature with stand Range (ambient): -5 to 55°C
- Rated Impulse with stand Voltage (Uimp) : 10 K V
- Dielectric Strength at 50Hz : 5K V

			SIZE 1			SIZE 2		SIZE 3	
	100		125	160		250	320	400	630
	CFO 0100		BBCFO-0125 BBCFO-0160 BBCFO-0160			BBCFO-0250 BBCFO-0320		BBCFO-0400 BBCFO-0630	
Catalogue No. in Enclosure	BBCFE0063	BBCFE-	BBCFE-0125 BBCFE-0160 BBCFE-			BBCFE-0250 BBCFE-		BBCFE-0400 BBCFE-	
No. of Poles	4	4	4	4	4	4	4	4	4
Rated Operational Voltage (V)	415	415	415	415		415	415	415	415
Rated Insulation Voltage (V)	660	660	660	660		660	660	660	660
Rated Frequency (Hz)	50	50	50	50	50	50	50	50	50
Utilization Category	AC-23A	AC-23A	AC-23A	AC-23A	AC-	AC-23A	AC-23A	AC-23A	AC-23A
Ambient Temperature Rang	-5 to + 55	-5 to +	-5 to + 55	-5 to + 55	-5 to	-5 to + 55	-5 to +	-5 to + 55	-5 to +
Rated Short Time With stand Current	5	5	7.5	7.5	7.5	14	16	20	24
Rated Fused Short Circuit	80	80	80	80	80	80	80	80	80
Mechanical Endurance (No. of	30000	30000	30000	30000		20000	20000	10000	10000
Electrical Durability (No. of	3000	3000	3000	3000		1800	1800	1800	1800
Rated Operational current, Ie	63	100	125	160		250	320	400	630
Rated making capacity Amp. 415V AC23A, P.F.0.30	630	1000	1250	1600		2500	3200	4000	6300
Rated making capacity Amp. 415V AC23A, P.F.0.30	504	800	1000	1280		2000	2560	3200	5040
Weight Open Execution Kg	3.45	3.55	3.65	4.18		6.5	7.1	16.00	

ONLOAD CHANGEOVER SWITCH



OVERALL DIMENSIONS OF ON LOAD CHANGEOVER SWITCH IN OPEN

AMPS	FRAME SIZE	TOTAL LENGTH A	TOTAL BREATH B	HEIGHT	TOTAL HEIGHT WITH HANDLE C-1	FEET GOLE				WIDTH J	TERMIN AL THICKNE SS K	TERMIN AL N	M
						D	F	G	H				
63	0	150	155	130	180	145	90	75	95	25	2.5	27	81
100	0	150	155	130	180	145	90	75	95	25	2.5	27	81
125	1	225	155	165	300	170	145	95	115	25	3	55	120
160	1	225	155	165	300	170	145	95	115	25	3.5	55	120
200	1	225	155	165	300	170	145	95	115	25	3.8	55	120
250	2	280	200	180	315	230	210	112	130	32	4.5	60	140
320	2	280	200	180	315	230	210	112	130	32	4.8	60	140
400	3	360	250	255	390	260	260	175	200	40	5	85	195
630	3	360	250	255	390	260	260	175	200	55	5	85	195

Note: Dimensions of On Load Changeover with enclosure provide on your request.

OFF LOAD CHANGEOVER SWITCH

Salient Features



- Conforms to IS: 13947 Part -1 & 3, IEC: 60947 Part - 1 & 3.
- Contacts are made of electrolytic copper, silver plated for long contact life that increases current carrying capacity and to ensure temperature rise within permissible limits.
- Enclosures made of CRCA Sheet steel duly 9 tank pre-treatment and epoxy power coated, provided with adequate knockouts for cable entry.
- Door interlocking facility available, i.e. door cannot be opened when switch is in "on" position thereby providing safety.
- Quick make and break up to 100 Amp.
- Termination suitable for Aluminium cables, adequate knockouts provided in the enclosure for cable entry. Terminal blocks made of DMC / SMC.

Range

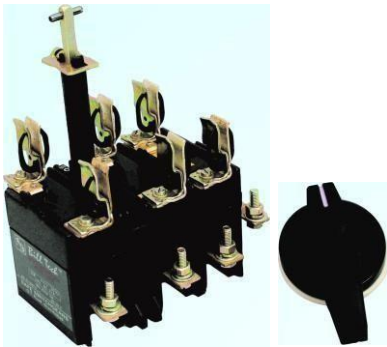
- 16A to 1000A
- Colour :- Regal Grey

VERTICAL FLAT SERIES – TPN – DIMENSION (IN MM)

Rating Amp.	W	H	D	HM	VM
16	120	160	90	75	110
32 Std.	145	204	92	92	150
32 DI x.	135	215	105	195	175
63 Std.	330	270	135	248	210
63 DI x.	270	315	122	200	238
100	405	305	135	340	238
200	425	495	250	345	395
300	425	495	250	345	395
400	510	596	320	555	485
630	600	600	320	650	485
800	685	610	340	735	500
1000	840	710	370	890	600

SWITCH FUSE UNIT, SWITCH DISCONNECTOR FUSE

SWITCH DISCONNECTED FUSE



Salient Features

- Conforms to IS: 13947 Part 1 & 3 / IEC : 60947 Part 1 & 3. Quick make and break operating mechanism.
- Compact design saves space.
- Highest fused Short Circuit Capacity. Quick make / Quick break / Positive break. High clearance & Creep ages.
- Maximum ground Clearance.
- Replaceable contacts for enhanced **life Range**
- 63A to 630A (Open Execution / With Enclosure)

Salient Features

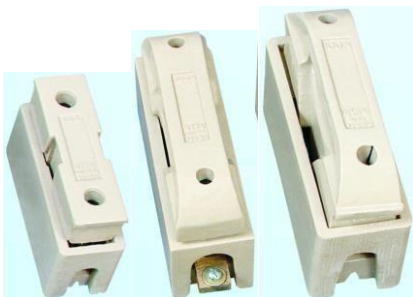


- Conforms to IS : 13947 Part 1 & 3 / IEC : 60947 Part - 1 & 3. Electrolytic copper, silver plated contacts for long contact life. Side handle operation.
- Enclosures made of CRCA sheet steel duty pre-treated and powder coated. Knock-outs provided at the top, bottom and rear side.
- Door interlocking facility available.
- Quick make and break operating

Mechanism Range

- 16A to 320A

SWITCH DISCONNECTED FUSE



Salient Features

- Available in with / without extension strip.
- Options available for handle / without handle kit kat fuse units.
- Silver plated pure Electrolytic grade of copper contacts for better conductivity and low temperature rise.
- Each unit packed in thermocol packing to avoid breakage.

Range

- 16A to 500A



Slim & Wall Mountable

ELECTRONIC VOLTAGE STABILIZER

We are leading manufacturer of high quality voltage stabilizer. Our aim is to incorporate the latest technology & to provide stable & high quality products

FEATURES :

- ★ IC controlled electronic circuit ensuring positive switching of Relay contact making it more durable.
- ★ Installed with unique designed vacuum impregnated transformer ensures less heating, high efficiency & low power consumption.
- ★ Elegantly designed Power coated metallic Chasis.
- ★ Quality components with high reliability promises maximum safety.
- ★ Rigorously tested as per IS specifications.

SPECIFICATIONS :

- ★ Working Range
 - 170-270Volts
 - 150-280Volts
 - 140-280Volts
 - 130-280Volts
 - 100-270Volts
 - 80 - 270 Volts
- ★ Capacity - 0.5 KVA to 10.0 KVA
(Other specifications) available on request)

OPTIONAL FEATURES :

- ★ Low & High Voltage trip with Time Delay also available.

**SALIENT FEATURES:**

- Microcontroller (DSP) based control system
- LCD Displays – Input & Output Voltage, Frequency and % Loading
- User adjustable setting of O/P Voltage, High/Low cut-off limits & Manual / Auto Restart time delay, with great accuracy
- Higher response time through its Microcontroller design
- Cut-off protection with graded time delay

SINGLE PHASE - AIRCOOLED/OILCOOLED**1 kVA – 20 kVA****APPLICATIONS:**

Textile, Garment, Packaging, Medical, Analytical, UPS (bypass), Audio-Video, Printing, CNC machines, Offices/Commercial Complexes, etc

Type of Stabilizer	Single Phase Stabilizer
Type Of Application	Indoor Application
Type Of Design	Servo Stabilizer with O/P sensing feed-back system
Type Of Cooling	Air-cooled
Servo Motor Type	Opto Coupler based Triac drive
Servo Motor Drive	A.C. Synchronous Stepper Motor
Input Voltage Range	170 V - 270 V
Input Frequency	47 - 53 Hz
Output Voltage	230 V ; Adjustable 220 V OR 240 V (L - N)
Output Voltage Regulation	± 1 %
Control Design	Microcontroller (Digital Signal Processor) based system
Waveform Distortion	NIL (Output Waveform same as Input Waveform)
Effect Of Load PF	NIL (Effect of Load PF on Output Voltage is Nil)
Correction speed	30 V/ sec
Efficiency	≥ 98%
Under / Over Voltage Cut Off	Upper Limit +5%, Lower Limit -10% of O/P nominal Voltage
Short Circuit Protection	HRC Fuse at Input (OR) MCB
Over Load Protection	Operative above 110% of rated output current
Reset	Auto restart / Manual restart (User Settable)
Display Type	Backlight LCD Display
Parameters Displayed	I/P & O/P Voltage, Hz, Current
Front Panel Indications	LED Indication for — Input Present, Output Normal
Front Panel User Interface	MENU, UP/DOWN KEY, ENTER/SET KEY
Input / Output Connection	Input Cable / Output Sockets
Emergency Manual Bypass	Optional
Output Relay / Contactor	Built-in
Transient Protection	MOV with RC Filter on Request
EMI / RFI Filter	Optional
Ambient Temperature	0 to 50° C
Standard kVA Ratings	1 kVA to 20 WA
Design Standards	As per IS:9815

**SALIENT FEATURES:**

- Microcontroller (DSP) based control system
- True RMS voltage sensing & correction
- LCD Displays – I/P & O/P Voltages (L-N & L-L), Output Current (R/Y/B) & Frequency
- User adjustable setting of O/P Voltage, High/Low cut-off limits & Manual / Auto Restart time delay, with great accuracy
- ❑ Higher response time through its Microcontroller design
- ❑ Cut-off protection with graded time delay

STABILISER
THREE PHASE – AIRCOOLED
3 kVA – 150 kVA
Applications:

Textile, Garment, Packaging, Medical, Analytical, UPS (bypass), Printing, CNC machines , Lifts, Centralized AC, Telecom (GSM towers), Petrol Bunks, Residential, Food processing, Offices/Commercial Complexes etc.

Type of Stabilizer	Three Phase Stabilizer
Type Of Application	Indoor Application
Type Of Design	Servo Stabilizer with O/P sensing system
Type Of Cooling	Air-cooled
Servo Motor Type	Opto Coupler based Triac drive
Servo Motor Drive	A.C. Synchronous Stepper Motor
Input Voltage Range	360V - 460V / 340V - 460V / 310V - 480V
Input Frequency	47-53 Hz
Output Voltage	415 V ; Adjustable 380 V OR
Output Voltage Regulation	± 1 %
Control Design	Microcontroller (Digital Signal Processor) based system
Voltage Sensing Correction	True RMS Sensing & Correction
Waveform Distortion	NIL (Output Waveform same as Input Waveform)
Effect Of Load PF	NIL (Effect of Load PF on Output Voltage is Nil)
Correction speed	60 V/ Sec
Efficiency	≥ 98%
Under / Over Voltage Cut Off	Upper Limit +5%, Lower Limit 0% of O/P nominal Voltage
Short Circuit Protection	HRC Fuse at Input (OR) MCB (OR) MCCB
Over Load Protection	Operative above 110% of rated output current
Single Phasing Prevention	Built-in
Phase Reversal Protection	Built-in

contd. . .

Reset	Auto restart / Manual restart (User Settable)
Auto / Manual for Operation	Increase / Decrease (Thru key combination on front pane)
Display Type	2 x 16 Character LCD with backlight
Parameters Displayed	I/P & O/P Voltage (L-L & L-N), Hz, Current R/Y/B (all Phases)
Front Panel Indications	LED Indication for input Present, Output Normal
Front Panel User Interface	MENU, UP/DOWN KEY, ENTER/SET KEY
Event Recorder	Provided for fault detection
Input / Output Connection	7 Way terminal Connector (With Nut Bolt arrangement)
Emergency Manual Bypass	Built-in upto 50 kVA (Above 50 kVA optional)
Output Relay / Contactor	Built-in
Transient Protection	MOV with RC filter on Request
EMI / RFI Filter	Optional
Ambient Temperature	0 to 50° C
Standard kVA Ratings	1 kVA to 150 kVA
Design Standards	As per IS:9815

Specifications are subject to change without notice, on account of development in product design

Custom Designed: Stabilizers of more than 150 kVA are also available with wider / shorter input voltage range & also with special output voltage, as per customer requirements.



Constant Voltage Transformer

SINGLE PHASE - AIRCOOLED

500 VA – 5000 VA

contd. . .

Salient Features:

No moving path used, hence very high reliability
 Faster Voltage correction almost instantaneous
 Intrinsic current limiting and short circuit protection
 Short term overload capability
 Very high line transient / spike rejection capability and excellent input to output isolation characteristics.

Type of CVT	Ferro-Resonant
Type of Application	Indoor Application
Type Of Cooling	Aircooled
Input Voltage Range	180 V - 260 V
Input Frequency	50Hz \pm 0.5%
Output Voltage	220 / 230V \pm 1%
Output Voltage Regulation	2% at no load to full load
Output Waveform	Sinusoidal
Waveform Distortion	5% (approx under full load)
Load Factor	0.75% lag to 0.9% lead
Efficiency	90% (approx) under full load conditions
Input I Output Connection	Input Cable / OutputSockets
Ambient Temperature	5° C to 50° C
Standard kVA Ratings	500 VA to 5000 VA

Specifications are subject to change without notice, on account of development in product design

Applications:

Computers, Data Processing Equipment, Audio/Video Equipment, Photo Processing Equipment, Bio-Medical Equipment,

Telex, Fax, Cash Registers, Electronic Type Writers, Control Panels, Etc,



STABILISER SINGLE PHASE - AIRCOOLED

1 kVA – 20 kVA (Model – Audio/Video)

APPLICATIONS:

Textile, Garment, Packaging, Medical, Analytical, UPS (bypass), Audio-Video, Printing, CNC machines, Offices/Commercial Complexes, etc.

SALIENT FEATURES:

- Microcontroller (DSP) based control system
- LCD Displays – Input & Output Voltage, Frequency and % Loading
- User adjustable setting of O/P Voltage, High/Low cut-off limits & Manual / Auto Restart time delay, with great accuracy
- Higher response time through its Microcontroller design
- Cut-off protection with graded time delay
- Double Stage EMI/RFI Filter
- Spike Suppressor (MOV)

contd. . .

Type of Stabiliser	Single Phase Stabiliser
Type of Application	Indoor Application
Type of Design	Servo Stabiliser with O/P sensing system
Type Of Cooling	Aircooled
Servo Motor Type	Opto Coupler based Triac drive
Servo Motor Drive	A.C. Synchronous Stepper Motor
Input Voltage Range	170V - 270V
Input Frequency	47-53 Hz
Output Voltage	230 V ; Adjustable 220 V OR 240V (NL)
Output Voltage Regulation	
Control Design	Microcontroller (Digital Signal Processor) based system
Waveform Distortion	NIL (Output Waveform same as InWbveform)
Effect of Load PF	NIL (Effect of Load PF on Output Voltage is Nil)
Correction speed	30 V/ Sec
Efficiency	
Under I Over Voltage Cut Off	Upper Limit +5%, Lower Limt -10% of O/P nominal Voltage
Short Circuit Protection	HRC Fuse at input (OR) MCB
Over Load Protection	Operative above 110% of rated output current
Reset	Auto restart / Manual restart (User Settable)
Display Type	Backlight LCD Display
Parameters Displayed	I/P & O/P Voltage, Hz, % Loading
Front Pandhdications	LED Indication for Input Present, Output Normal
Front Panel User Interface	MENU, UP/DOWN KEY, ENTER/SET KEY
Input I Output Connection	Input Cable (1.5 M) / Output SockétS Amps, 4 nos
Output Relay I Contactor	Built-in
EMI 1 RFFilter	Double stage EMI/RFI Filter
Transient Protection	Spike Suppressor (MOV)
Ambient Temperature	0 to 50 C
Standard kVA Ratings	1 kVA to 20 kVA
Dimensions (15 kVA)	H:34Cms W: 22 Cms D: 44 Cms
Design Standards	As per IS:9815

Specifications are subject to change without notice, on account of development in product design

Custom Designed: Stabilizers of more than 20 kVA are also available with wider / shorter input voltage range & also with special output voltage, as per customer requirements.

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THANK YOU

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