



Silica®

PRODUCTS

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सिलिका मिस्रीवा नरियीव त्तचत्त SILICA सीलिका SILIKA ᱵᱤᱨ आग्नये धातव पदार्थवशिमे السيليكا



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 ᱵᱟᱫᱽ ᱦᱚᱱᱚᱛ ᱦᱚᱱᱚᱛ ᱦᱚᱱᱚᱛ



Silica® PRODUCTS

KIT KAT FUSE



Features

- ★ Porcelain Kit Kat 16 Amp to 63 Amp. without handle & 63 Amp. to 500 Amp. with handle.
- ★ Contacts are Silver / Nickel plated to ensure high conductivity & longer life.
- ★ Manufactured with porcelain and bakelite molded making.
- ★ High quality copper & brass contacts for long life operation.
- ★ Bakelite Kit Kat 16 Amp. to 100 Amp. without handle.
- ★ As per IS:2086/1993. (Reaffirmed 1998) specifications.
- ★ Best use for Domestic & Industrial.

TYPE

- ★ With bus bar
- ★ Without bus bar

KIT KAT FUSE UNIT

Rating : 16/20/32/63/100/200/320/500 Amp.
Rated Voltage : 240/415 Volt.
Execution : SP.

CHANGE OVER SWITCH



Features

- ★ 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 sheets 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.

TYPE

- ★ Off load C.O.
- ★ Knife type C.O.
- ★ On load 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 CHANGE OVER SWITCH

MAIN SWITCH



Features

- ★ Housed in deep drawn sheets steel enclosure for 16 to 63 Amp. & fabricated for 32 to 320 Amp. pretreated and powder coated for elegant finish.
- ★ Knock outs provided at the top, bottom & also rear side for cable connections.
- ★ Sheet steel enclosure, pretreated and powder coated elegantly.
- ★ Silver / Nickel plated contacts for high conductivity and long life.
- ★ Fool proof door interlocking to ensure the safety to the person.
- ★ As per IS: 10027 & IS: 13947 part I & III specifications.

TYPE

- ★ M.S. Cum C.O.
- ★ Double Break M.S.
- ★ Splitters M.S.
- ★ Front Operated M.S.

Rating : 16/ 32/ 63/100/200/320 Amp.
Rated Voltage : 240/415 Volt.
Execution : SPN, DP, TPN.

SWITCH FUSE UNIT

BUS BAR CHAMBER



Features

- ★ Fabricated for 32 to 500 Amp. pretreated and powder coated for elegant finish.
- ★ Strip copper & nickel plated contacts for high conductivity and long life.
- ★ Knock outs provided at the top & bottom.
- ★ Manufactured with sheet steel enclosure for 32 to 500 Amp.
- ★ Porcelain base for better conductivity.
- ★ As per IS:4064/1978 Part-I & IS 4047 specifications.

Rating : 32/63/100/200/320/500. Amp.
Rated Voltage : 415 Volt.
Execution : TPN/ FP

BUS BAR CHEMBER



MCBs



Features

MINIATURE CIRCUIT BREAKERS (10KA)

- ★ Current limiting type with high breaking capacity of 10 KA for the entire range.
- ★ As per IS 8828 : 1996 / IS 13947 part III specifications.
- ★ Terminal are "Finger Safe" to IP20 degree of protection.
- ★ Can be fitted in any of the regular distribution boards.
- ★ Potential free mounting clip.
- ★ Liberal Terminal design.
- ★ Trip-free mechanism.
- ★ Low - watt loss.

TYPE

- ★ M.C.B.s ★ Isolators ★ Change Over

Rating : 6 to 63 Amp.

Rated Voltage : 240/415 Volt, 40-60 Hz

Execution : SP, SPN, DP, TP, TPN & FP

MCB BOX



Features

DISTRIBUTION BOARDS (MCB BOX)

- ★ Knockouts at appropriate positions make DBs suitable for wider applications minimizing sharp bends of cables.
- ★ Adequate space provided for incoming and outgoing cables with 140 mm clearance between the DIN rails.
- ★ Distribution Boards can house product like MCBs, RCCBs and load isolators in any of distribution network.
- ★ Concentric Double Diameter type knockouts offer choice for different sizes of cables / cable glands
- ★ Sheet steel enclosure, pretreated and powder coated elegantly.
- ★ As per IS:13032. IS : 8623 specifications.

TYPE

- ★ Single Door ★ Double Door

Rating : 2/4/6/8/10/12/16 ways.

Rated : Single Door/ Double Door

Execution : SPN, TPN.

D.P. SWITCH



Features

D.P. SWITCH

- ★ Silica switch fuses and switch splitters are designed for A.C. circuits.
- ★ High quality copper & brass contacts for long life operation .
- ★ As per IS:13947-1/2/5.1993 specifications.
- ★ ABS & bakelite cabinet molded with indicator.
- ★ Porcelain base.
- ★ Elegant look.
- ★ Front Operated

Rating : 16/25/32 Amp.

Rated Voltage : 240/415 Volt.

Execution : SP. & DP.

AUTOMATIC CHANGE OVER SWITCH



Features

AUTOMATIC CHANGE OVER SWITCH

- ★ An official spring mechanism - quick make and quick break type which minimize of arching.
- ★ Sheet steel enclosure, pretreated and powder coated elegantly.
- ★ High quality bakelite powder is used.
- ★ High quality transformer is used.
- ★ Heavy duty relay for longer life.
- ★ Automatic operations.

Rating : 32/ 63 Amp.

Rated Voltage : 240/415 Volt.

Execution : SPN, DP, TPN.

Silica® PRODUCTS

WIRES & CABLES



Features

- ★ Manufactured from the purest of copper and PVC compounds.
- ★ Perfect insulation against any electrical fault.
- ★ Highest possible conductivity in the given size.
- ★ Multistrand construction for flexibility.
- ★ As per IS : 694 specifications.

WIRES & CABLES

SUBMERSIBLE PANEL WITH MONO BLOCK PUMP



Features

- ★ Terminal box and conduit entry rotatable.
- ★ Manufactured under strict quality control.
- ★ Fully protected for tropical climate.
- ★ Highly efficient performance.
- ★ Dynamically balanced rotor.
- ★ Greased sealed ball bearings.
- ★ Insulation class B & F.
- ★ Trouble free service.
- ★ Silent operation.
- ★ As per IS 9079, IS 8472 specifications

SUBMERSIBLE PANEL WITH MONO BLOCK PUMP

Rating : 0.5/1.0/1.5/2.0 Hp .
Rated : 240 / 415 Volt, 50 Hz .
Execution : 1 Phase & 3 Pha

PVC PIPE



Features

- ★ Electrical characteristics such as electrical strength & insulation resistance. (more than 100 ohm) improve considerably.
- ★ Diameter tolerance of PVC conduits as per IS 9537 Part III.
- ★ No change in dimension/shape even after prolonged storage .
- ★ Medium duty for medium mechanical stress.
- ★ Heavy duty for heavy mechanical stress.
- ★ Light duty for light mechanical stress.
- ★ The impact strength of PVC is better.

PVC CONDUIT PIPES

Rating 20 to 50 mm Inch Width.
Rated Length : 3 meters
Execution :

ENERGY METERS



Features

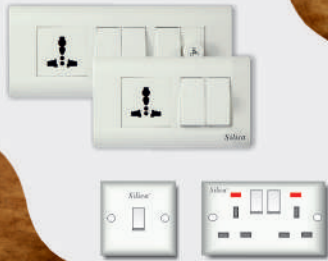
- ★ Not affected by external magnet with higher power than specification in As per IS : 13779/1999.
- ★ Under partial or fully earthen load condition not affected by any remote control device.
- ★ Inter changing of load and line wires under neutral disconnected condition .
- ★ Extra large nickel plated brass terminal. Micro controller based design.
- ★ Records correct energy in the event reversal of line and load wires.
- ★ Body and terminal block made from steel sheet.
- ★ Ultrasonically welded, fully water and dust proof.

ENERGY METERS

Rating : 5 to 60 Amp.
Rated Ways : 240/415 Volt, 50 Hz
Execution : 1 Phase & 3 Phase



SWITCH & ACCESSORIES



Features

- ★ The sockets come with a safety, which ensures that children or even adults are not exposed to electrical hazards.
- ★ The switch contacts are made from silver cadmium oxide for steady performance and longer life.
- ★ The range of switches and accessories offers great performance and affordability.
- ★ Elegant white range of switches and accessories are safe and reliable.
- ★ Its design gives the range to be in varied combinations.
- ★ As per IS 371, IS 1258, IS 3854 & IS 1293 specifications.

Rating : 6 & 16 Amp.
Rated : 240 Volt.

- | | | | | |
|------------------|----------------|--------------------|-----------------------|---------------|
| ★ 1/2 Way Switch | ★ Kit Kat Fuse | ★ Lamp Holder | ★ Iron Connector | ★ 2/3 Pin Top |
| ★ Bell Push | ★ Ceiling Rose | ★ Hanging Switch | ★ Dimmer/Regulator | ★ Multi Plug |
| ★ Indicator | ★ Holder | ★ 2/3/5 Pin Socket | ★ T.V. / Cable Socket | ★ Line Tester |

LUMINAIRES



Features

- ★ The range includes industrial, commercial, and residential products, which are aesthetically and technically superior to those available in the market.
- ★ Lamps and tubes are made inhouse from India's most advanced fully integrated plant to ensure impeccable quality.
- ★ Recently launched India's most energy efficient eco friendly Compact Fluorescent Lamps.
- ★ Silica recently launched electronic ballasts that enable flicker free start enhancing the lamp life and lesser consumption of energy.

- | | | |
|-----------------|---|----------------------------------|
| ★ Standard Lamp | ★ Compact Fluorescent Lamps | ★ Tube Holder & Starters |
| ★ Tube Lights | ★ R.C. Sheet Patti With Polyester Ballast | ★ Heavy Duty Fluorescent Ballast |

INSULATION TAPE



Features

- ★ High stability and excellent ageing characteristic water and weather resistant also resistant to acids, alkalis, oils, greases and gasoline AC breakdown voltage above 6500V.
- ★ Unique proprietary formulation of rubber based adhesive incorporating imported resin.
- ★ Controlled primer coating to prevent transfer of adhesive from one face to another.
- ★ Flame retardant, extinguishes the fire before it is propagated.
- ★ Uniform thickness and width throughout the length.
- ★ Free from wrinkles and air bubbles.
- ★ As per IS: 7809 Part III specifications.

Rating : 1.25/1.90/2.50 cm. width.
Rated : 3/5/8/10 meters length.

FLEX BOX



POWER STRIP

Features

- ★ Contacts are Silver / Nickel plated to ensure high conductivity & longer life.
- ★ High quality copper & brass contacts for long life operation.
- ★ Power strips manufactured in sheet steel fabricated.
- ★ Also available with indicators fuse & switches.
- ★ Flex Box manufactured in ABS molded.
- ★ Higher quality of PVC wire used.
- ★ Manufactured by using advanced engineering polymers to offer life time durability.

Rating : 6 & 16 Amp.
Rated : 2/3/5/9 Yard.
Execution : 2/3 Core

Silica® PRODUCTS

REVERSING SWITCH



Features

- ★ An official spring mechanism - quick make and quick break type which minimize of arching.
- ★ High quality fire proof glass sleeve is used for better insulation.
- ★ Silver cadmium contacts are provided for longer life.
- ★ High quality bakelite powder is used.
- ★ Available in open/closed forms.
- ★ As per IS: 13947 Part III specifications manual operation.

TYPE

- ★ On-Off Switches.
- ★ System Selector Switches.
- ★ Reversing Switches.
- ★ Changeover Switches.
- ★ 2 Speed Pole Changing Switches..

Rating : 16/25/32/63 Amp.
Rated Voltage : 240/415 Volt.
Execution : DP. TP. FP.

L.T. CONTROL SWITCH

AMPERE METERS & VOLTMETERS



Features

- ★ Best quality resistance for trouble free functioning , heavy coil for longer life .
- ★ All the instruments are manufactured from the best quality material to give satisfactory performance over a large period. All parts/subassemblies are thoroughly inspected.
- ★ These meters are supplied with white dials and black scaling in order to have easy legibility.
- ★ The size of stamping is also adequate enough to read from a reasonable distance .
- ★ The movement is light in weight and is effectively secured between two sapphire jewel bearings.
- ★ The precisely ground pivots minimize the friction and sustain accuracy in rigorous field conditions.

TYPE

Round projection
Round Flush
Square Flush

Rating : 1A to 500 Amp.
Rated : 1V to 600 Volt .
Execution : 72 mm, 96 mm, & 144 mm .

AMPERE METERS & VOLT METERS

AC BOX



Features

- ★ Outer casing of plug & socket made of non-corroding die-cast aluminum alloy, interior molded from superior grade phenolic/polyester compound.
- ★ Rubber cable gland at the entry of the plug protects the incoming flexible cable.
- ★ Sheet steel enclosure, pretreated and powder coated elegantly.
- ★ Overhang protection against accidental contact with live parts.
- ★ Earth connection makes first and breaks last.
- ★ As per IS 309 Part III specifications.

Rating : 10/20/30 Amp.
Rated : 240 / 415 Volt.
Execution : 1 Phase & 3 Phase

PLUG & SOCKET BOARDS (AC BOX)

ROTARY SWITCH



Features

- ★ Contacts are Silver / Nickel plated to ensure high conductivity & longer life.
- ★ High quality copper & brass contacts for long life operation .
- ★ Rotary switch bakelite disc plate .
- ★ Yellow plate & red nobe .
- ★ As per IS:13947-1/2/5.1993 specifications.
- ★ Elegant look.

TYPE

- ★ Voltmeter selector switches.
- ★ Motor duty switches.
- ★ Many other applications.

ROTARY SWITCHES

Rating : 10/15/30/40/60/100 Amp.
Rated Ways : 2/4/6/8 Ways
Execution : SP. DP. TP. FP.



Silica® PRODUCTS

BELL



Features

- ★ Silica offers a complete range of bells, chimes and buzzers, each aesthetically designed to enhance the decor.
- ★ Extensive research has gone into making their output pleasant, melodious and effective.
- ★ Available in electrical and electronic modes.

- TYPE**
- ★ Ding Dong Door Bell
 - ★ Fish Bell
 - ★ Surface Buzzer Bell
 - ★ Remote Bell
 - ★ Musical Door Bell
 - ★ Musical Voice Bell

Bell

Rating : 3 Volt AC/ DC

Features

- ★ Aero-dynamically balanced aluminum blades ensures superior air throw and for longer distances.
- ★ Fans are equipped with heavy duty capacitor and low power consuming motor.
- ★ Available in variable speeds, fans have adjustable tilt angles and degrees of sweep.
- ★ Pedestal fans can be adjusted to various heights to suit personal comfort levels.
- ★ Table and wall-mounted fans are available for different applications.
- ★ Double ball bearing precisely aligned for noiseless performance.
- ★ Exhaust fans are available in heavy duty and light duty models .
- ★ Its EME regulator can save up to 30% energy .
- ★ 100% powder coated .

CEILING FAN

- TYPE**
- ★ Exhaust Fan
 - ★ Ceiling Fan
 - ★ Fresh air Fan
 - ★ Pedestal Fan

Features

- ★ Extra light weight .
- ★ Swivel top cord connection for easy handling .
- ★ Accurate temperature control with snap action thermostat.
- ★ Temperature control adopted to modern fabrics .
- ★ Smooth, hard, evenly warmed teflon coated sole plate.
- ★ Instant heat, short warming up time.
- ★ Long ware-resistant flex.
- ★ Ergonomical handle suitable for right and left .
- ★ Neon signal light.
- ★ As per IS 302 Part II & III/1992 Specification

IRON PRESS

- TYPE**
- ★ Light Weight
 - ★ Heavy Weight
 - ★ Cast Iron

Rating : 750 Watt .
Rated : 230 Volt 50 Hz .
Execution :

IRON PRESS



Features

- ★ High quality stainless steel blades, polycarbonate / stainless steel jar.
- ★ Motor protector/over load circuit-breaker.
- ★ Manufacture under strict quality control.
- ★ Manufacture in ABS molded cabinet.
- ★ Highly efficient performance.
- ★ Dynamically balanced rotor.
- ★ High quality PVC wire used.
- ★ Trouble free service
- ★ Silent operation.
- ★ As per IS specification.

MIXER GRINDER

- TYPE**
- ★ JMG
 - ★ MG
 - ★ Blender

Rating : 300 to 500 Watts.
Rated : 230 Volt 50 Hz .

MIXER GRINDER





Website - SilicaIndia.com, SilicaPower.com

