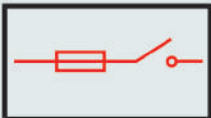
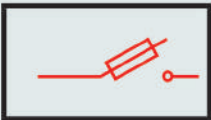




Silica[®]

SWITCH FUSE UNIT

www.silicaindia.com



50Hz



FOLLOW US ON:



ISO 9001:2015
CERTIFIED COMPANY

सिलिका मिछीवा नब्रशटीव त्पत्तजत्त SILICA ?????? SILIKA ??? ?????? ?????? ?????????????? السيليك



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



سيليكا ميليشيا نبرسہیل بہت چٹ SILICA ?????? SILIKA ??? ?????? ???? ????????????? السيليكا

FUSE SWITCH & SWITCH FUSE

CONSTRUCTION

SWITCH FUSE

Switch Fuse Unit comprises of vitreous steatite porcelain rewirable fuses or HBC fuse fittings complete with their conducting parts. The switch is fitted with sturdy side operating & Front operating handle with quick make-break type mechanism.

Contacts

Contacts are made of electrolytic copper, Brass, silver-plated. The fixed contacts are provided with removable shield.

Fuses

Links.

Enclosures

The Enclosure is made of sheet steel duly phosphatised and power-coated. They are provided with conduit knock-outs and have detachable gland plates. Door interlock is provided to prevent opening when the switch is in ☐ ON ☐ condition.



The unbeatable Features:

Sheet metal enclosure with outer 100% powder coated.
Door interlocking facility provided.
Can be suited for surface mounting.
Quick make and break operating mechanism.
Terminals suitable for Al (Aluminum) & Cu (Copper) Conductors.

TECHNICAL INFORMATION - SWITCH FUSE



A complete range of Fuse Switch & Switch Fuse units are offered to suit varied power Distribution applications. The heavy duty Fuse Switches are fully type tested with Short circuit breaking capacity of 80 KA at 415V suitable for AC-22A/AC-23A. Four frame sizes cover the full range utilisation category

Range :

Fuse Switch : 63A to 800A in TPN & FP Execution
Switch Fuse : 16A to 63A in SPN / DP Execution 16A to 320A in TPN Execution
Specification : As per to IEC:60947-1&3 / IS:13947 - 1&3

Features :

Fuse Switches

- * Double break with side handle operation Positive indication of contacts
- * Suitable for surface mounting Door interlock facility
- * Sheet steel enclosure duly phosphatised and powder painted

Switch Fuses

- * Side handle operation* Suitable for surface mounting
 - * Sheet steel enclosure duly phosphatised and powder painted
 - * Provision of conduit knockouts and detachable gland plates.
- Switch Fuse units are provided with rewirable fuse or HBC Fuse

Rating	Short Time with Stand Current (1 sec)	Short Circuit Making Capacity	Rated fused Short Circuit Current	AC-21 Switch Rating at 415V, AC	AC-22 Switch Rating at 415V, AC	AC-23 Motor Rating	Recommended Fuses (for Non-rewirable types)
16A	700A	4.6 KA	45 KA	20A	16A	5.5 KW	NS
32A	1200A	7.2 KA	45 KA	32A	32A	11 KW	TIA
63A	2200A	8.4 KA	65 KA	80A	63A	22 KW	TIA/TIS
100A	4000A	9.8 KA	65 KA	125A	100A	41 KW	TCP
200A	--	--	-	200	--	55 KW	--
320A	--	--	--	320A	--	70 KW	--

RECOMMENDED FUSE WIRE SIZES

Switch Rating	16 Amp	32 Amp	63 Amp	100 Amp	160 Amp	200 Amp	320 Amp
Tinned Copper	29 25	32 40	19 18 17	2x19 14	14 2x15	2x15 2x14	2x14x3x14
Fuse Wire Gauge (SWG)			1x15				4x15
Carrying Capacity (A)	10 16	25 32	40 50 63	80 100	100 160	160 200	200 300

FUSE SWITCH & SWITCH FUSE

SWITCH FUSE UNIT (REWIRABLE TYPE) SPN & DP



Current Rating (Amps/Volts)	Cat No. SPN	Cat. No. D P
16/24	SRSE2016	SRDE2016
32/240	SRSE2032	SRDE2032
63/415	SRSE4063	SRDE4063

SWITCH FUSE UNIT (REWIRABLE TYPE) TPN



Current Rating (A)	Rewireable Porcelain Fuse Units Cat No.	HBC cum Rewireable Porcelain Fuse Units Cat No.	Bakelite Fuse Fittings (without HBC Fuse Links) Cat No.
16	SRTE4016	SHTE4016	SBTE4016
32	SRTE4032	SHTE4032	SBTE4032
63 (Standard)	SRTE4063	--	--
63 (Deluxe)	SDTE4063	SHTE4063	SBTE4063
100 (Standard)	SRTE4100	--	--
100 (Deluxe)	SDTE4100	SHTE4100	SBTE4100
200	SRTE4200	--	--
320	SRTE4320	--	--

FUSE SWITCH UNIT - HBC FUSE TYPE

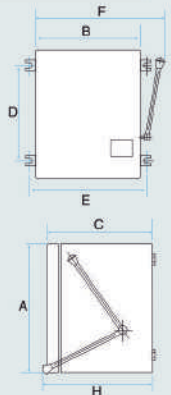


Current Rating (A)	TPN Cat No.	FP Cat No.
63	FNTW406	FNFW4063
100	FNTW4100	FNFW4100
200	FNTW4200	FNFW4200
320	FNTW4320	FNFW4320
400	FNTW4400	FNFW4400
500	FNTW4500	--
800*	FNTW4800	--

*Switch suitable for 800 Amp. but fitted with 630Amp. Fuse.

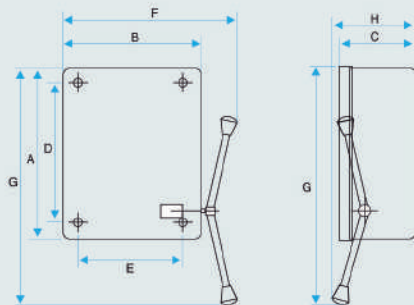
DIMENSIONS (IN MM) - FUSE SWITCH UNIT, TPN

Rating	A	B	C	D	E	F	G	H	Size for Cable entry & exit	Size of Al. con- ductor	Size of knock-out
63/415	292	270	237	244	328	340	--	270	235x80	25 35mm ²	25/31
100/415	292	270	237	244	328	340	--	270	235x80	25 70mm ²	25/31
200/415	360	350	339	312	408	435	--	360	295x140	185mm ²	
320/415	360	350	339	312	408	435	--	360	295x140	350mm ²	
400/415	360	350	339	312	408	435	--	360	295x140	2(32x10)*	
500/415	360	430	339	312	488	535	--	380	295x140	2(40x10)*	
800/415	480	498	408	433	556	605	--	425	428x183	1(50x10)*	

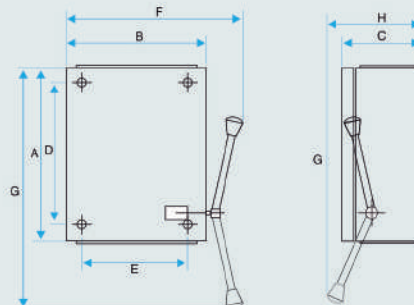


FUSE SWITCH & SWITCH FUSE

DIMENSIONS (IN MM) - SWITCH FUSE UNITS



16A - 63A (Deep Drawn Enclosure)

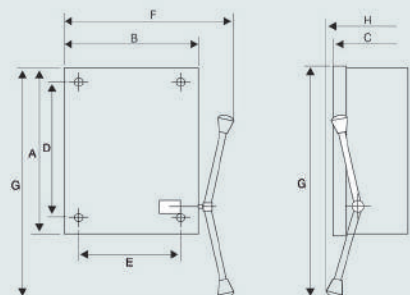


63A - 320A (Fabricated Enclosure)

Rating cable entry & exit	A	B	C	D	E	F	G	H	Size for	Size of Al.	Size of knock-out
SPN/DP Rew											
16/240	151	100	57	110	60	130	180	--	--	²	4 mm 19
32/240	229	147	80	166	85	180	285	--	--	²	6 mm 25
TP Rew/HBC-Rew/BFF											
16/415	230	181	80	172	123	210	285	--	--	²	6 mm 25
32/415	265	215	85	213	171	260	315	--	--	²	16 mm 25
DP Rew/HBC-Rew/BFF											
32/415	265	215	85	213	171	260	315	--	--	²	16 mm 25
63/415	278	210	116	213	128	250	380	160	--	²	35mm25 /31
TP Rew / BFF											
32/415	265	215	85	213	171	260	315	--	--	²	16 mm 25
63/415	265	215	85	213	171	260	315	--	--	²	35 mm 25
100/415	347	310	120	285	248	380	435	170	--	²	70mm25 /31
Rew. T.P. / STD											
63/415	280	270	116	223	205	325	390	175	--	²	35mm25 /31
100/415	347	310	120	285	248	380	435	170	--	²	70mm25 /31
DLX. TP / HBC cum Rew											
63/415	350	280	128	288	218	360	445	160	246x61	²	35mm 25 /31
100/415	400	330	158	338	268	400	490	160	296x80	²	70mm 25 /31
TP Rew											
200/415	550	315	175	450	215	385	565	260	280x97	²	185mm 38
320/415	565	398	182	465	298	475	585	260	363x104	²	300mm 38

DIMENSIONS (IN MM) - ISOLATOR SWITCH TPN

Rating	A	B	C	D	E	F	G	H	Size for Cable entry & exit	Size of Al. con- ductor	Size of knock-out
16/415	167	207	80	121	163	250	220	100	174x30 ²	6mm	25 /31
32/415	167	207	80	121	163	250	220	100	174x30 ²	16mm	25 /31
63/415	238	310	125	176	248	365	345	160	275x60 ²	35mm	25 /31
100/415	238	310	125	176	248	365	345	160	275x60 ²	70mm	25 /31



Fabricated Enclosure



FUSE SWITCH & SWITCH FUSE

Scan the QR Code
to download
SILICA Catalogue



HEAD OFFICE :- SILICA GROUP

**ADD :- 2654, STREET NO.6, BIHARI COLONY, SHAHDARA,
DELHI - 110032, INDIA**

CONTACT NO. :- +91-9312606510, 9999459122, 8800376242

Customer Care No. - +91 9910496097

Email id :- Silicaindia@yahoo.co.in, Luksuninternational@gmail.com

Website - Silicaindia.com, Silicapower.com



सिलिका मिस्रीवा नब्ररीव त्त चट्ट SKICA ??????? SILIKA ??? ??????? ???? ?????????????? السيلكا