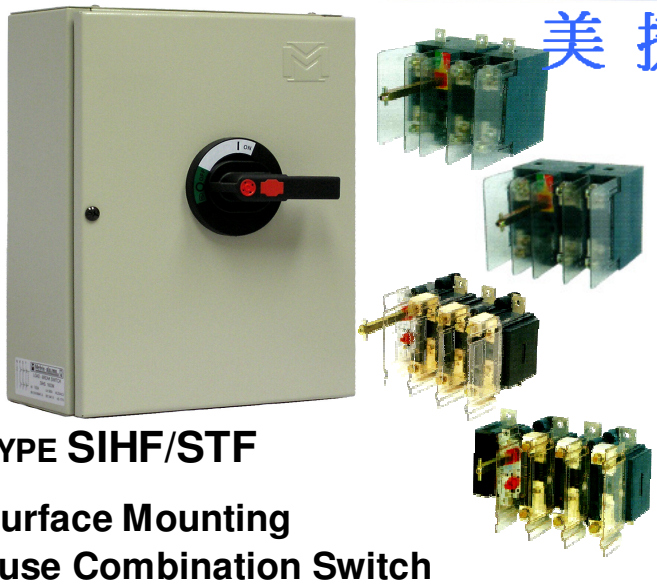
Metrix-plasma ITALY

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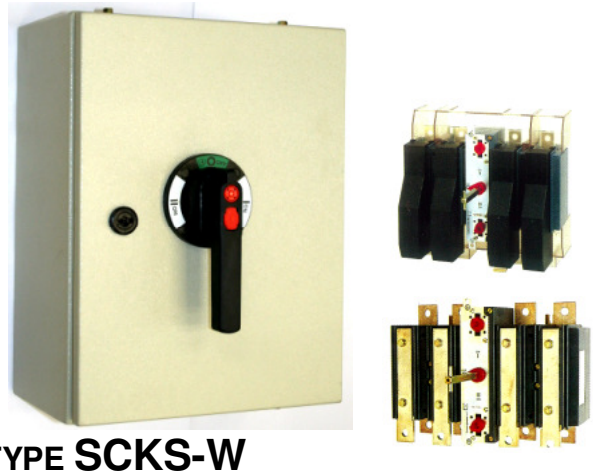
TYPE **SIHF/STF**

Surface Mounting
Fuse Combination Switch



TYPE **SIHS/SINS**

Surface Mounting
Load Break Switch



TYPE **SCKS-W**

Surface Mounting
Manual Changeover Switch



TYPE **CKM-W**

Surface Mounting
Automatic Changeover Switch

TYPE **SIHF/STF**
Surface Mounting
Fuse Combination Switch
20A - 800A

TYPE **SIHS/SINS**
Surface Mounting
Load Break Switch
20A - 1000A

TYPE **SCKS-W/CKM-W**
Surface Mounting
Changeover Switch
63A - 800A


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Features

- Metrix-Plasma Surface Mounting Fuse Combination Switches, Changeover Switches, and Load Break Switches are available in SPN, 2-pole, 3-pole+N, and 4-pole, suitable for all types of application for use with and without HRC fuses.
- Bodies are produced from high-grade self-extinguishing reinforced moulding materials with highly resistant anti-tracking surface.
- Designed to meet the requirements of I.E.C and B.S. specifications for polluted and tropical conditions.
- Rotary handle provided with quick-make, quick break actions which is independent of operators' speed action.

Standard

Metrix-Plasma switches are manufactured in accordance with the following standards:

International	IEC 60947-3
British	BS EN 60947-3

Versions

The Fuse Combination Switches are designed for use with BS, DIN, and NFC fuse depending on the order code.

Operating Handle IP-55

- Handle has both "I-O" and "ON-OFF" position indication to meet I.E.C. and B.S. requirements with "P" position for use with trip coil when supplied.
- Spring retains the handle in both operating positions.
- The handle mechanism can be padlocked only in the open "OFF" position with a maximum of 2 padlocks.
- Padlocking of the operating handle in the "ON" position can be provided as an option.
- Door interlocking mechanism ensures isolation of supply and prevents opening the door when the switch is in the "ON" position.

Contacts

- Silvered electrolytic copper contacts
- Equipped with double break and quick make-break actions
- Operating handles to IP-55 can be supplied as an option

Mounting

Metrix-Plasma Switches are designed for mounting in both vertical and horizontal planes.

Accessories

Metrix-Plasma Switches are designed with a wide range of accessories:

- Handles
- Key Locks
- Handle Sealing
- Door Interlock Override
- Copper Links
- Neutral Links

TYPE SIHF/SIHF-WP
Surface Mounting
Fuse Combination Switch
20A ~ 160A

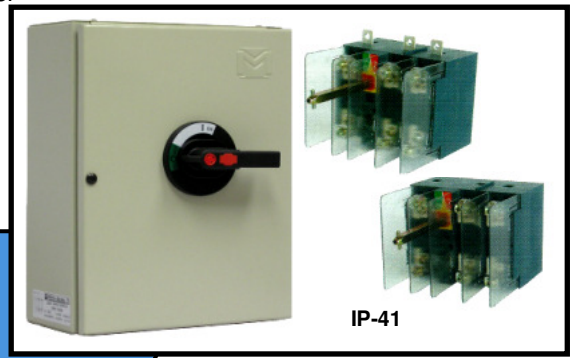
- 1-pole with Neutral Link (SPN)
- 2-pole (DP)
- 3-pole with Neutral Link (TPN)
- 4-pole (TP with Switched Neutral)

Electrical Features According to IEC 60947-3 and BS EN 60947-3

TYPE SIHF*	Switch Rating		20A	32A	63A	100A	125A	160A
	1-pole + N-link (SPN)		SIHF 201N	SIHF 321N	SIHF 631N	SIHF 1001N	--	--
	2-pole (DP		SIHF 202	SIHF 322	SIHF 632	SIHF 1002	--	--
	3-pole + N-link (TPN)		SIHF 203N	SIHF 323N	SIHF 633N	SIHF 1003N	SIHF 1253N	SIHF 1603N
	4-pole (TPSN)		SIHF 204	SIHF 324	SIHF 634	SIHF 1004	SIHF 1254	SIHF 1604
Insulation Voltage	AC DC	U_i (V)	1000 600	1000 600	1000 600	1000 600	1000 600	1000 600
Impulse Withstand Voltage	--	KV	6	6	6	6	6	6
Rated Operational Current at 40℃ Ambient Temperature **AC 22A**	U_e 690V U_e 1000V	I_e (A)	20	32	63	100	125	160
AC 23A	U_e 415V U_e 500V U_e 690V	I_e / P (A / kW)	20 / 12 20 / 16 20 / 19	32 / 20 32 / 25 32 / 30	63 / 30 63 / 40 63 / 45	100 / 45 100 / 63 100 / 80	125 / 55 125 / 75 125 / 90	160 / 75 160 / 90 160 / 120
DC 23A	U_e 220V U_e 440V U_e 600V	I_e (A) I_e (A) I_e (A)	20 20 20	32 32 32	63 63 50	100 100 80	125 125 100	160 160 125
Rated Frequency	--	Hz	50 – 60	50 – 60	50 – 60	50 – 60	50 – 60	50 – 60
Reactive Power	U_e 380V	KVAr	16	25	31	50	55	65
Rated Short-Time Withstand Current	1 sec	I_{cw} (kA r.m.s)	50	50	50	50	50	50
Rated Short-Circuit Making Capacity	U_e 690V	I_{cm} (kA peak)	100	100	100	100	100	100
Mechanical Endurance	no. of operation		10000	10000	10000	10000	8000	8000
Electrical Endurance	no. of operation with rated current		1500	1500	1500	1500	1000	1000
Fuse Type	BS 88		A2	A2	A2-A3	A2-A3	A4	B1-B2
Power Loss Per Pole	--	W	0.22	0.50	2.20	5.50	5.00	6.00
Weight (without HRC fuse)	SIHF	Kg	3.4	3.4	3.4	5.0	9.7	9.7
	SIHF-WP	Kg	3.7	3.7	3.7	4.3	5.3	5.3
Terminal Tightening Torque	--	Nm	3.5	3.5	3.5	3.5	23	23
Fuse-Links Bolts Tightening Torque	--	Nm	2	2	2	2.5	5	10

**For IP-42 and IP-43 surface mounting, include the letters – IP42 and IP43 respectively.*
**For weather-proof surface mounting, include the letters –WP at the end of the code.*

- The enclosures are manufactured from galvanized sheet steel finished with stoved, textured light gray polyester epoxy power coating.
- Standard degree of protection: IP-41 to IEC 60529.
- Optional: WP (IP-54)

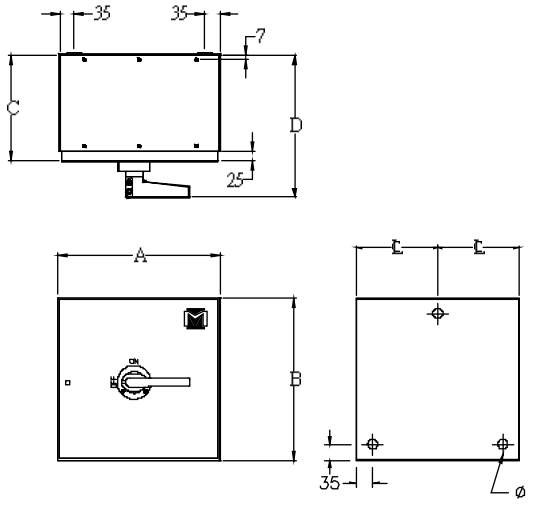

IP-41

TYPE SIHF/SIHF-WP
Surface Mounting
Fuse Combination Switch
20A ~ 160A

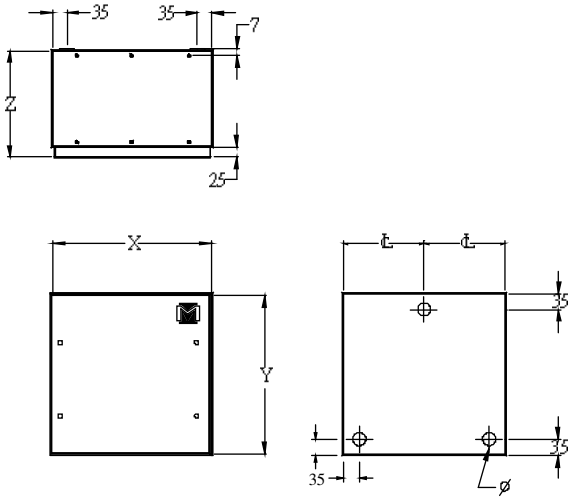
- 1-pole with Neutral Link (SPN)
- 2-pole (DP)
- 3-pole with Neutral Link (TPN)
- 4-pole (TP with Switched Neutral)

SURFACE MOUNTING FUSE COMBINATION SWITCHES						CABLE SPREADER BOX				
RATING	DIMENSIONS IN MM					TYPE NO.	DIMENSIONS IN MM			
	A	B	C	D	Ø		X	Y	Z	Ø
TYPE SIHF										
20A	190	250	127	181	9	CBF 20/63	190	190	127	9
32A										
63A										
100A	250	300	160	206	9	CBF 100	250	250	160	9
125A	285	380	190	264	9	CBF 125/160	285	285	190	9
160A										
TYPE SIHF-WP										
20A	200	200	140	194	10					
32A										
63A		250								
100A	250	300	172	226	10					
125A	300	400	200	254	10					
160A										

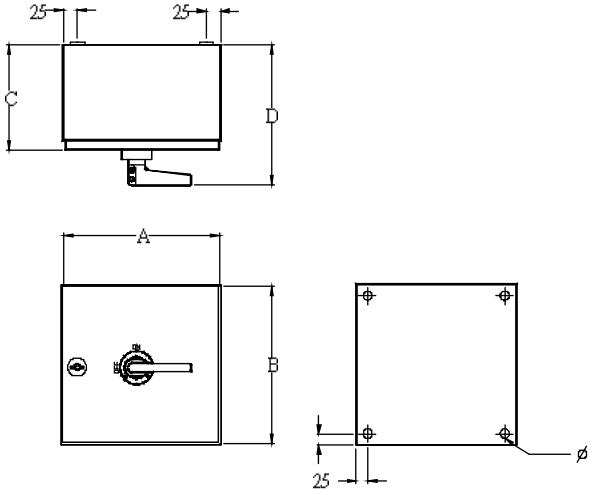
IP-41

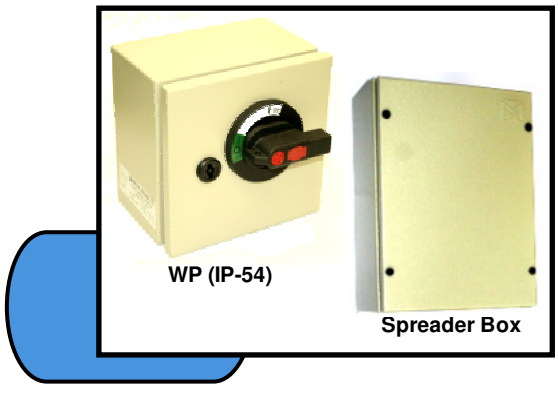


Cable Spreader Box



WP (IP-54)





TYPE STF/STF-WP
Surface Mounting
Fuse Combination Switch
200A ~ 800A

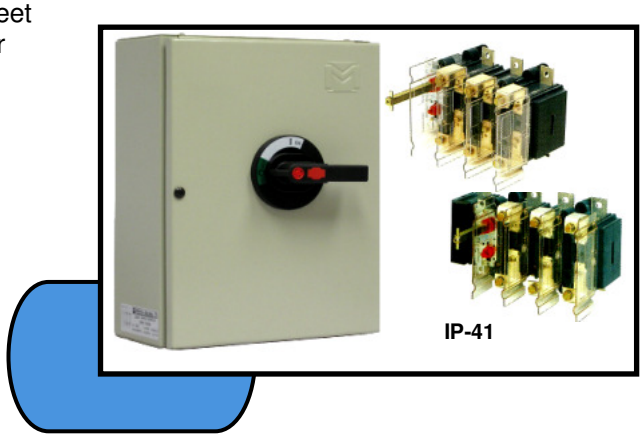
- 3-pole with Neutral Link (TPN)
- 4-pole (TP with Switched Neutral)

Electrical Features According to IEC 60947-3 and BS EN 60947-3

TYPE STF*		Switch Rating		200A	250A	315A	400A	630A	800A
		3-pole + N-link (TPN)		STF 2003N	STF 2503N	STF 3153N	STF 4003N	STF 6303N	STF 8003N
		4-pole (TPSN)		STF 2004	STF 2504	STF 3154	STF 4004	STF 6304	STF 8004
Insulation Voltage		AC DC	U_i (V)	1000 1000	1000 1000	1000 1000	1000 1000	1000 1000	1000 1000
Impulse Withstand Voltage		--	KV	8	8	8	8	8	8
Rated Operational Current at 40°C Ambient Temperature	AC 22A	U_e 1000V	I_e (A)	200	250	315	400	630	800
	AC 23A	U_e 415V U_e 500V U_e 690V	I_e / P (A / kW)	200 / 105 200 / 125 200 / 175	250/ 132 250 / 160 250 / 220	315 / 155 315 / 200 315 / 275	400 / 200 400 / 280 400 / 375	600 / 355 630 / 425 630 / 560	800 / 400 800 / 560 800 / 710
	DC 23A	U_e 220V U_e 440V U_e 600V	I_e (A) I_e (A) I_e (A)	200 200 200	250 250 250	315 315 315	400 400 400	630 630 630	800 800 800
Rated Frequency		--	Hz	50 – 60	50 – 60	50 – 60	50 – 60	50 – 60	50 – 60
Reactive Power		U_e 380V	KVAr	100	125	150	250	315	350
Rated Short-Time Withstand Current		1 sec	I_{cw} (kA r.m.s)	50	50	50	50	100	100
Rated Short-Circuit Making Capacity		U_e 690V	I_{cm} (kA peak)	100	100	100	100	100	100
Mechanical Endurance		no. of operation		8000	8000	8000	5000	5000	3000
Electrical Endurance		no. of operation with rated current		1000	1000	1000	1000	1000	500
Fuse Type		BS 88		B1-B3	B1-B3	B2-B3	B1-B4	C1-C2	C1-C3
Power Loss Per Pole		--	W	11	12	19	28	40	63
Weight (without HRC fuse)		STF	Kg	13.1	15.5	16.1	16.1	28.6	29.7
		STF-WP	Kg	15.0	17.6	17.8	17.8	34.0	35.6
Terminal Tightening Torque		--	Nm	23	47	47	47	80	80
Fuse-Links Bolts Tightening Torque		--	Nm	10	15	15	15	15	15

**For IP-42 and IP-43 surface mounting, include the letters – IP42 and IP43 respectively.*
**For weather-proof surface mounting, include the letters –WP at the end of the code.*

- The enclosures are manufactured from galvanized sheet steel finished with stoved, textured light gray polyester epoxy power coating.
- Standard degree of protection: IP-41 to IEC 60529.
- Optional: WP (IP-54)

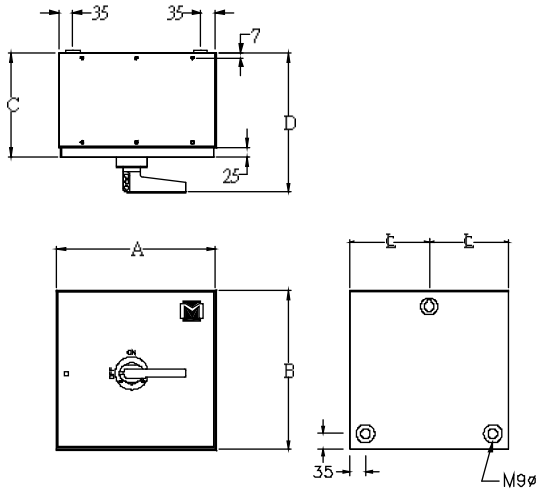


TYPE STF/STF-WP
Surface Mounting
Fuse Combination Switch
200A ~ 800A

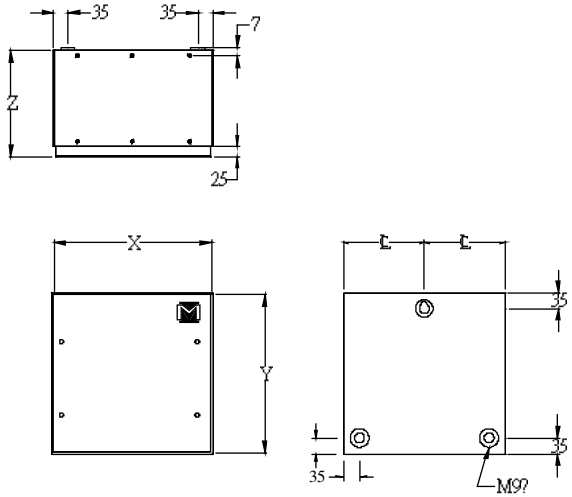
- 3-pole with Neutral Link (TPN)
- 4-pole (TP with Switched Neutral)

SURFACE MOUNTING FUSE COMBINATION SWITCHES						CABLE SPREADER BOX				
RATING	DIMENSIONS IN MM					TYPE NO.	DIMENSIONS IN MM			
	A	B	C	D	Ø		X	Y	Z	Ø
TYPE STF										
200A	380	380	247	311	9	CBF 200/400	380	380	247	9
250A										
315A										
400A										
630A	475	500	285	349	9	CBF 630/800	475	500	285	9
800A										
TYPE STF-WP										
200A	400	500	260	325	10					
250A										
315A										
400A										
630A	500	600	300	365	10					
800A										

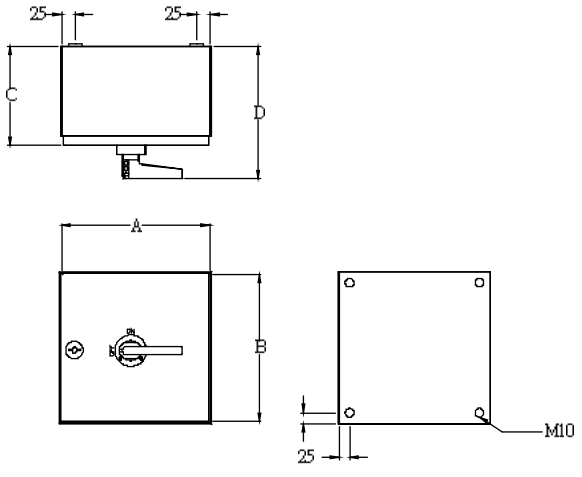
IP-41

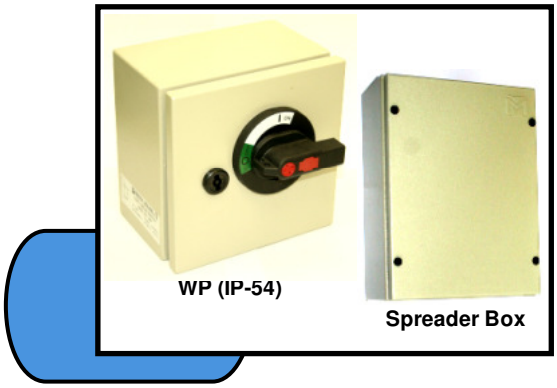


Cable Spreader Box



WP (IP-54)





TYPE SIHS/SIHS-WP
Surface Mounting
Load Break Switch
20A ~ 200A

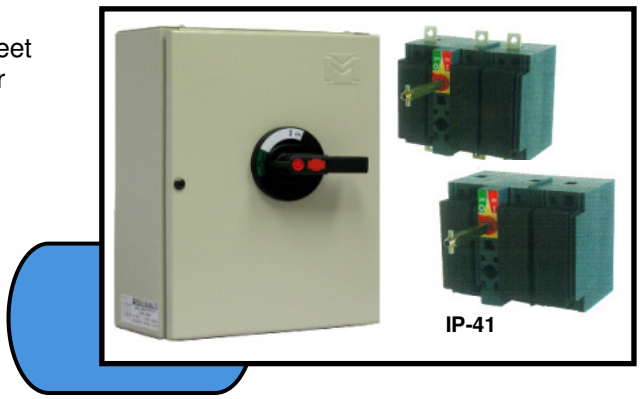
- 1-pole with Neutral Link (SPN)
- 2-pole (DP)
- 3-pole with Neutral Link (TPN)
- 4-pole (TP with Switched Neutral)
- 6-pole

Electrical Features According to IEC 60947-3 and BS EN 60947-3

TYPE SIHS*	Switch Rating		20A	32A	63A	100A	125A	160A	200A
	1-pole + N-link (SPN)		SIHS 201N	SIHS 321N	SIHS 631N	SIHS 1001N	--	--	--
	2-pole (DP)		SIHS 202	SIHS 322	SIHS 632	SIHS 1002	--	--	--
	3-pole + N-link (TPN)		SIHS 203N	SIHS 323N	SIHS 633N	SIHS 1003N	SIHS 1203N	SIHS 1603N	SIHS 2003N
	4-pole (TPSN)		SIHS 204	SIHS 324	SIHS 634	SIHS 1004	SIHS 1204	SIHS 1604	SIHS 2004
	6-pole		SIHS 20	SIHS 326	SIHS 636	SIHS 1006	SIHS 1206	SIHS 1606	SIHS 2006
Insulation Voltage	AC DC	U_i (V)	1000 1000	1000 1000	1000 1000	1000 1000	1000 1000	1000 1000	1000 1000
Impulse Withstand Voltage	--	kV	6	6	6	6	6	6	6
Rated Operational Current at 40℃ Ambient Temperature **AC 22A**	U_e 690V U_e 1000V	I_e (A)	20	32	63	100	125	160	200
AC 23A	U_e 415V U_e 500V U_e 690V	I_e / P (A / kW)	20 / 12 20 / 15 20 / 18	32 / 20 32 / 25 32 / 30	63 / 30 63 / 40 63 / 45	100 / 45 100 / 65 100 / 90	125 / 55 125 / 75 125 / 90	160 / 75 125 / 100 125 / 140	200 / 96 200 / 120 200 / 175
DC 23A	U_e 220V U_e 440V U_e 600V	I_e (A)	20 20 20	32 32 32	63 63 63	100 100 100	125 125 125	160 160 125	200 200 160
Rated Frequency	--	Hz	50 – 60	50 – 60	50 – 60	50 – 60	50 – 60	50 – 60	50 – 60
Reactive Power	U_e 380V	KVAr	18	30	35	50	55	70	80
Rated Short-Time Withstand Current	1 sec	I_{cw} (KA r.m.s.)	4	4	4	5	6	10	10
Rated Short-Circuit Making Capacity	U_e 690V	I_{cm} (KA peak)	10	10	10	12	15	25	25
Mechanical Endurance	no. of operation		10000	10000	10000	10000	8000	8000	8000
Electrical Endurance	no. of operation with rated current		1500	1500	1500	1500	1000	1000	1000
Power Loss Per Pole	--	W	0.17	0.4	1.5	3.9	6.0	6.0	7.5
Terminal Tightening Torque	--	Nm	3.5	3.5	3.5	3.5	3.5	23	23
Weight	SIHS	Kg	3.3	3.3	3.3	4.7	4.65	9.2	9.4
	SIHS-WP	Kg	3.65	3.65	4.15	5.9	5.9	9.3	9.3
	SIHS (6P)	Kg	8.1	8.1	8.1	8.7	9.4	13.9	13.9

**For IP-42 and IP-43 surface mounting, include the letters – IP42 and IP43 respectively.*
**For weather-proof surface mounting, include the letters –WP at the end of the code.*

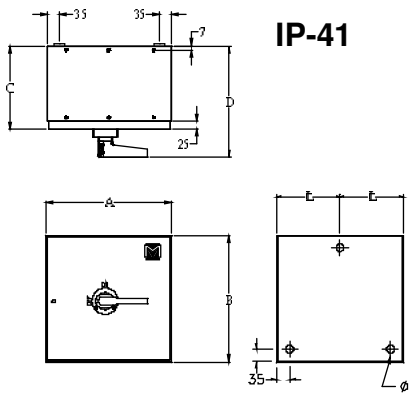
- The enclosures are manufactured from galvanized sheet steel finished with stoved, textured light gray polyester epoxy power coating.
- Standard degree of protection: IP-41 to IEC 60529.
- Optional: WP (IP-54)


IP-41

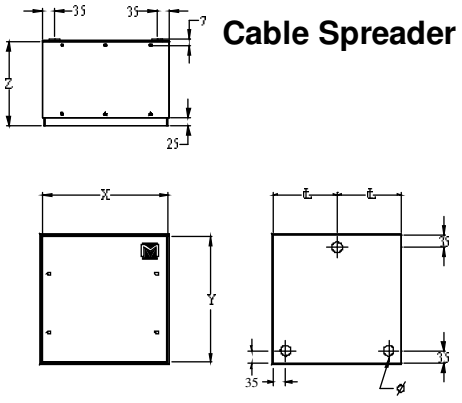
TYPE SIHS/SIHS-WP
Surface Mounting
Load Break Switch
20A ~ 200A

- 1-pole with Neutral Link (SPN)
- 2-pole (DP)
- 3-pole with Neutral Link (TPN)
- 4-pole (TP with Switched Neutral)
- 6-pole

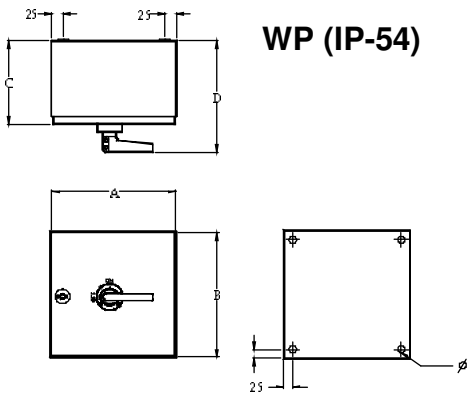
SURFACE MOUNTING LOAD BREAK SWITCHES						CABLE SPREADER BOX				
RATING	DIMENSIONS IN MM					TYPE NO.	DIMENSIONS IN MM			
	A	B	C	D	Ø		X	Y	Z	Ø
TYPE SIHS										
20A 32A 63A	190	250	127	181	9	CBS 20/63	190	190	127	9
100A 125A	250	300	134	181	9	CBS 100/125	250	300	134	9
160A 200A	285	380	146	239	9	CBS 160/200	285	285	146	9
TYPE SIHS-WP										
20A 32A	200	200	140	194	10					
63A		250								
100A 125A	250	300	144	198	10					
160A 200A	300	400	158	212	10					
TYPE SIHS (6P)										
20A 32A 63A 100A 125A	300	400	200	250	10					
160A 200A	400	500	260	310	10					



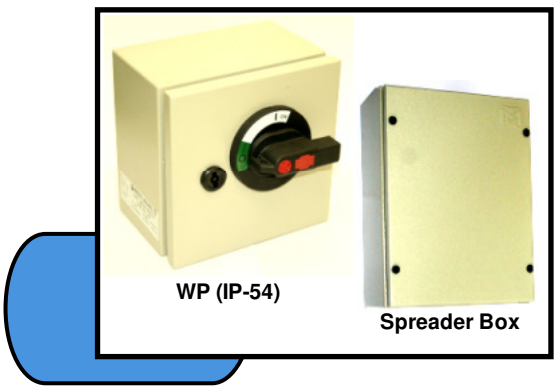
IP-41



Cable Spreader Box



WP (IP-54)



WP (IP-54)

Spreader Box

TYPE SINS/SINS-WP
Surface Mounting
Load Break Switch
250A ~ 1000A

- 3-pole with Neutral Link (TPN)
- 4-pole (TP with Switched Neutral)

Electrical Features According to IEC 60947-3 and BS EN 60947-3

TYPE SINS*		Switch Rating		250A	315A	400A	630A	800A	1000A
		3-pole + N-link (TPN)		SINS 2503N	SINS 3153N	SINS 4003N	SINS 6303N	SINS 8003N	SINS 10003N
		4-pole (TPSN)		SINS 2504	SINS 3154	SINS 4004	SINS 6304	SINS 8004	SINS 10004
Insulation Voltage		AC DC	U_i (V)	1000 1000	1000 1000	1000 1000	1000 1000	1000 1000	1000 1000
Impulse Withstand Voltage		--	KV	8	8	8	8	8	8
Rated Operational Current at 40°C Ambient Temperature	AC 22A	U_e 1000V	I_e (A)	250	315	400	630	800	1000
	AC 23A	U_e 415V U_e 500V U_e 690V	I_e / P (A / kW)	250 / 132 250 / 160 250 / 220	315 / 155 315 / 200 315 / 275	400 / 200 400 / 280 400 / 315	630 / 355 630 / 425 400 / 375	800 / 400 800 / 560 800 / 710	1000 / 500 1000 / 670 800 / 710
	DC 23A	U_e 220V U_e 440V U_e 600V	I_e (A)	250 250 250	315 315 315	400 400 400	630 630 630	800 800 800	1000 1000 1000
Rated Frequency		--	Hz	50 – 60	50 – 60	50 – 60	50 – 60	50 – 60	50 – 60
Reactive Power		U_e 380V	KVAr	125	150	250	315	350	400
Rated Short-Time Withstand Current		1 sec	I_{cw} (KA r.m.s.)	12.5	15	18	20	25	40
Rated Short-Circuit Making Capacity		U_e 690V	I_{cm} (kA peak)	31	37	44	50	63	84
Mechanical Endurance		no. of operation		8000	8000	5000	5000	3000	3000
Electrical Endurance		no. of operation with rated current		1000	1000	1000	1000	500	500
Power Loss Per Pole		--	W	8.2	13	20	50	50	55
Terminal Tightening Torque		--	Nm	47	47	47	80	80	80
Weight		SINS	Kg	14.2	14.7	14.7	25.1	25.1	26.1
		SINS-WP	Kg	16.1	16.2	16.2	31.5	31.5	32.4

**For IP-42 and IP-43 surface mounting, include the letters – IP42 and IP43 respectively.*
**For weather-proof surface mounting, include the letters –WP at the end of the code.*

- The enclosures are manufactured from galvanized sheet steel finished with stoved, textured light gray polyester epoxy power coating.
- Standard degree of protection: IP-41 to IEC 60529.
- Optional: WP (IP-54)



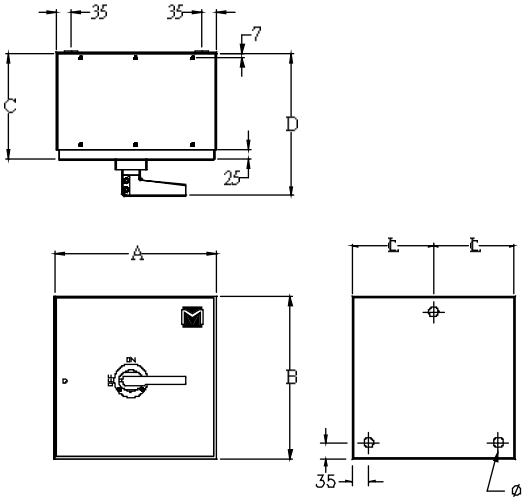
IP-41

TYPE SINS/SINS-WP
Surface Mounting
Load Break Switch
250A ~ 1000A

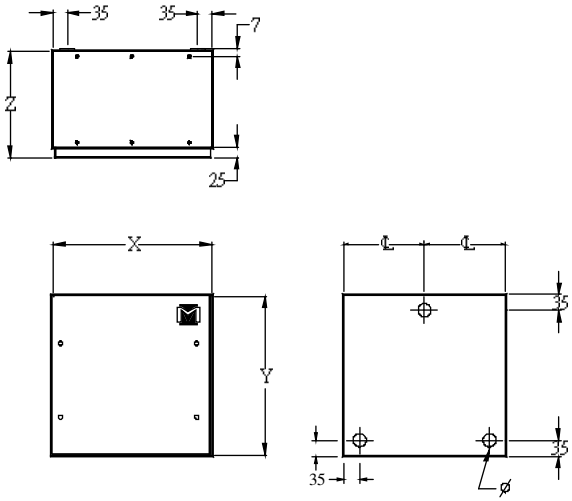
- 3-pole with Neutral Link (TPN)
- 4-pole (TP with Switched Neutral)

SURFACE MOUNTING LOAD BREAK SWITCHES						CABLE SPREADER BOX				
RATING	DIMENSIONS IN MM					TYPE NO.	DIMENSIONS IN MM			
	A	B	C	D	Ø		X	Y	Z	Ø
TYPE SINS										
250A	380	380	197	261	9	CBS 250/400	380	380	197	9
315A										
400A										
500A	475	500	215	279	9	CBS 500/800	475	475	215	9
630A										
800A										
TYPE SINS-WP										
250A	400	500	214	285	10					
315A										
400A										
500A	500	600	230	300	10					
630A										
800A										

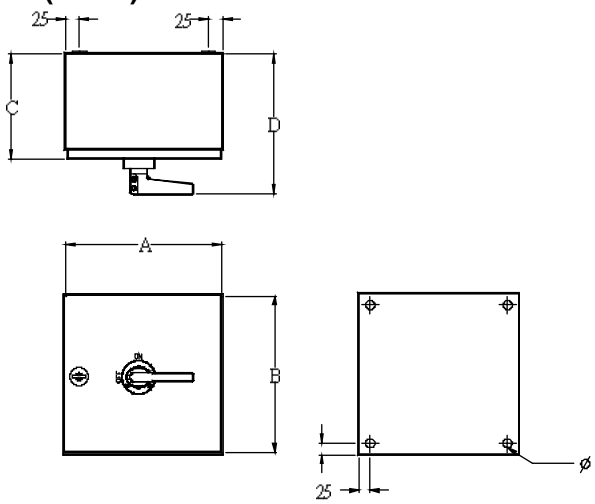
IP-41

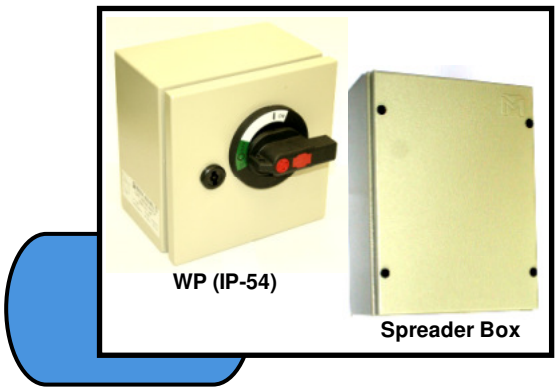


Cable Spreader Box



WP (IP-54)





TYPE SCKS-W
Surface Mounting
Manual Changeover Switch
63A ~ 800A

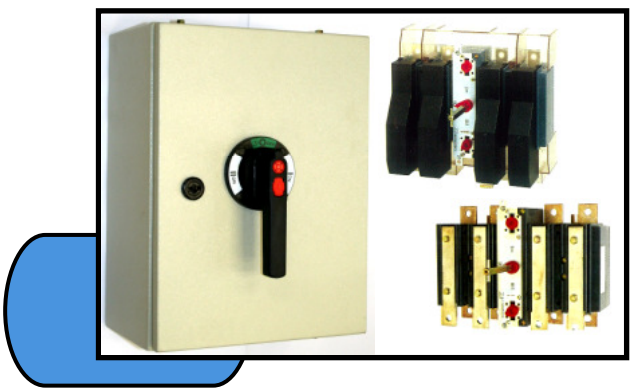
- 4-pole (TP with Switched Neutral)

Electrical Features According to IEC 60947-3 and BS EN 60947-3

TYPE SCKS-W		Switch Rating		63A	125A	160A	200A	250A	315A	400A	630A	800A
		4-pole (TPSN)		SCKS 634-W	SCKS 1254-W	SCKS 1604-W	SCKS 2004-W	SCKS 2504-W	SCKS 3154-W	SCKS 4004-W	SCKS 6304-W	SCKS 8004-W
Insulation Voltage		AC DC	U_i (V)	1000 600	1000 600	1000 600	1000 600	1000 600	1000 600	1000 600	1000 600	1000 600
Impulse Withstand Voltage		--	KV	8	8	8	8	8	8	8	8	12
Rated Operational Current at 40℃ Ambient Temperature	AC 21A AC 22A	U_e 690V	I_e (A)	63	125	160	200	250	315	400	630	800
	AC 23A	U_e 415V U_e 690V	I_e (A)	63 63	125 63	160 80	200 100	250 125	315 160	400 160	630 200	800 250
	DC 21A	U_e 500V	I_e (A)	63	125	160	200	250	315	400	630	800
	DC 22A	U_e 500V	I_e (A)	63	125	160	200	250	315	400	630	800
	DC 23A	U_e 400V	I_e (A)	63	100	125	150	200	250	250	400	630
Rated Frequency		--	Hz	50 – 60	50 – 60	50 – 60	50 – 60	50 – 60	50 – 60	50 – 60	50 – 60	50 – 60
Reactive Power		U_e 380V	KVAr	35	55	70	80	100	125	150	250	300
Rated Short-Time Withstand Current		1 sec	I_{cw} (kA r.m.s)	4.0	8.0	10.0	10.0	12.5	14.0	15.0	160	30.0
Rated Short-Circuit Making Capacity		U_e 415V	I_{cm} (kA peak)	10.0	14.0	20.0	20.0	25.0	28.0	30.0	32.0	60.0
Mechanical Endurance		no. of operation		8000	8000	8000	8000	8000	5000	5000	5000	3000
Electrical Endurance		no. of operation with rated current		1000	1000	1000	1000	1000	1000	1000	1000	500
Power Loss Per Pole		--	W	0.8	1.6	2.6	4.0	4.7	8.5	11.0	25.0	22.5
Recommended Torque Figure		--	Nm	23	23	23	23	47	47	47	80	80
Weight		--	Kg	11.8	11.8	15.2	15.2	27.7	27.7	27.7	30.9	46.3

**For IP-42 and IP-43 surface mounting, include the letters – IP42 and IP43 respectively.*

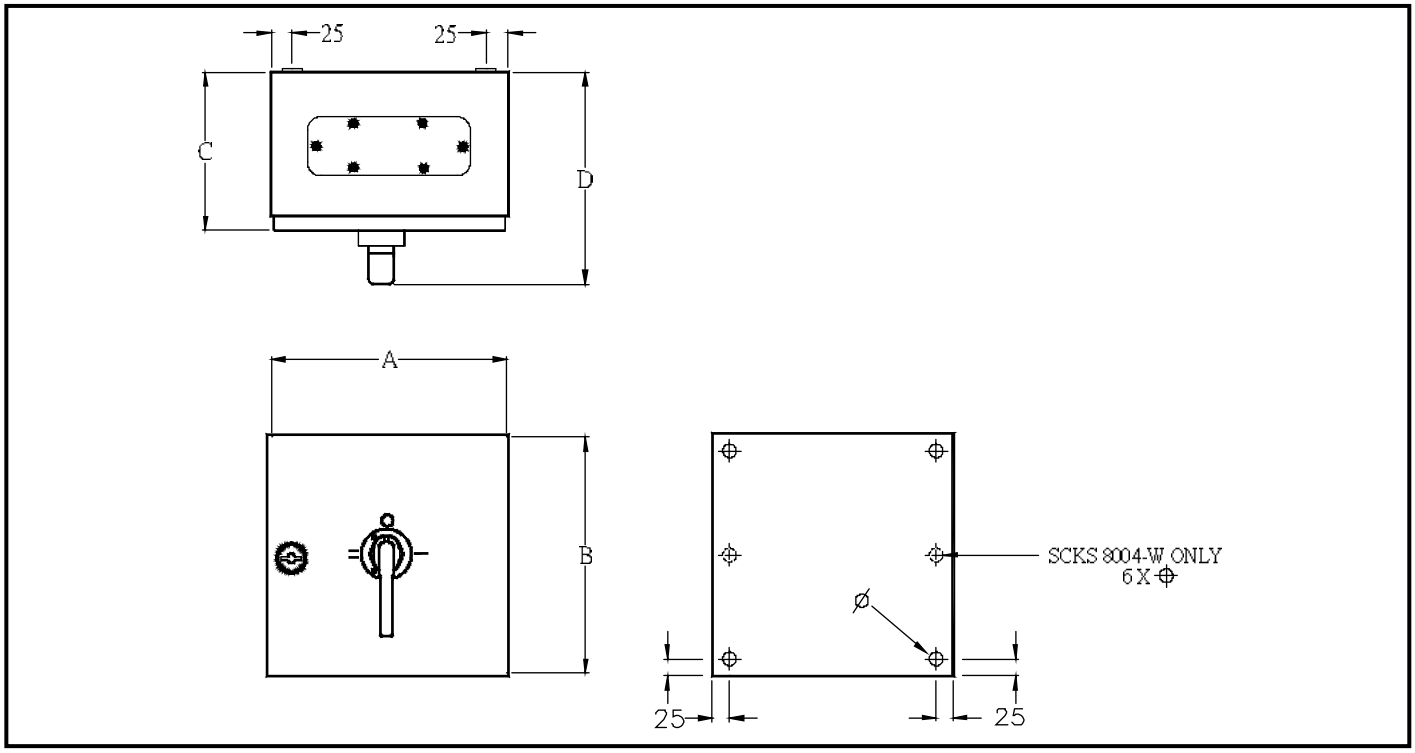
- The enclosures are manufactured from galvanized sheet steel finished with stoved, textured light gray polyester epoxy power coating.
- Standard degree of protection: IP-41 to IEC 60529.
- Optional: WP (IP-54)



TYPE SCKS-W
Surface Mounting
Manual Changeover Switch
63A ~ 800A

- 4-pole (TP with Switched Neutral)

SURFACE MOUNTING AUTOMATIC CHANGEOVER SWITCHES					
RATING	DIMENSIONS IN MM				
	A	B	C	D	Ø
TYPE SCKS-W					
63A	300	400	216	280	10
125A					
160A	400	500	216	280	10
200A					
250A	500	600	247	310	10
315A					
400A					
630A	500	700	247	310	10
800A	600	800	255	320	10



TYPE CKM-W
Surface Mounting
Automatic Changeover Switch
63A ~ 800A

- 4-pole (TP with Switched Neutral)

Electrical Features According to IEC 60947-3 and BS EN 60947-3

TYPE CKM-W		Switch Rating		63A	125A	160A	200A	250A	315A	400A	630A	800A
		4-pole (TPSN)		CKM 634-W	CKM 1254-W	CKM 1604-W	CKM 2004-W	CKM 2504-W	CKM 3154-W	CKM 4004-W	CKM 6304-W	CKM 8004-W
Insulation Voltage		AC DC	U_i (V)	1000 600	1000 600	1000 600	1000 600	1000 600	1000 600	1000 600	1000 600	1000 600
Impulse Withstand Voltage		--	KV	8	8	8	8	8	8	8	8	12
Rated Operational Current at 40℃ Ambient Temperature	AC 21A AC 22A	U_e 690V	I_e (A)	63	125	160	200	250	315	400	630	800
	AC 23A	U_e 415V U_e 690V	I_e (A)	63 63	125 63	160 80	200 100	250 125	315 160	400 160	630 200	800 250
	DC 21A	U_e 500V	I_e (A)	63	125	160	200	250	315	400	630	800
	DC 22A	U_e 500V	I_e (A)	63	125	160	200	250	315	400	630	800
	DC 23A	U_e 400V	I_e (A)	63	100	125	150	200	250	250	400	630
Rated Frequency		--	Hz	50 – 60	50 – 60	50 – 60	50 – 60	50 – 60	50 – 60	50 – 60	50 – 60	50 – 60
Reactive Power		U_e 380V	KVAr	35	55	70	80	100	125	150	250	300
Rated Short-Time Withstand Current		1 sec	I_{cw} (kA r.m.s)	4.0	8.0	10.0	10.0	12.5	14.0	15.0	160	30.0
Rated Short-Circuit Making Capacity		U_e 415V	I_{cm} (kA peak)	10	14.0	20.0	20.0	25.0	28.0	30.0	32.0	60.0
Mechanical Endurance		no. of operation		8000	8000	8000	8000	8000	5000	5000	5000	3000
Electrical Endurance		no. of operation with rated current		1000	1000	1000	1000	1000	1000	1000	1000	500
Power Loss Per Pole		--	W	0.8	1.6	2.6	4.0	4.7	8.5	11.0	25.0	22.5
Recommended Torque Figure		--	Nm	23	23	23	23	47	47	47	80	80
Weight		--	Kg	33	33	33	33	49.7	49.7	49.7	67.2	77

**For IP-42 and IP-43 surface mounting, include the letters – IP42 and IP43 respectively.*

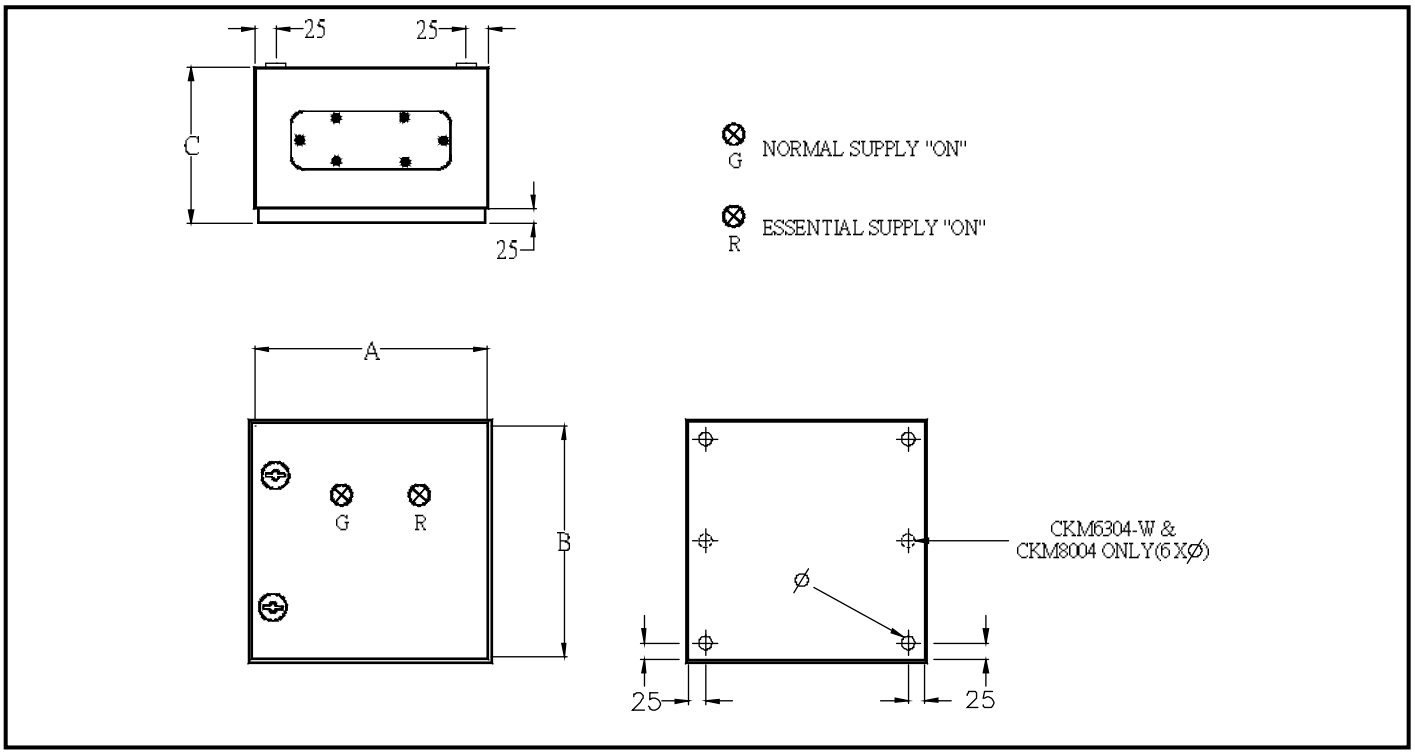
- The enclosures are manufactured from galvanized sheet steel finished with stoved, textured light gray polyester epoxy power coating.
- Standard degree of protection: IP-41 to IEC 60529.
- Optional: WP (IP-54)



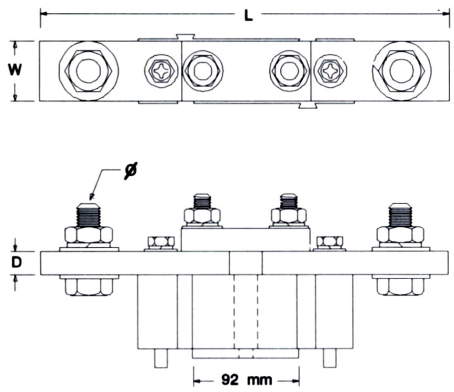
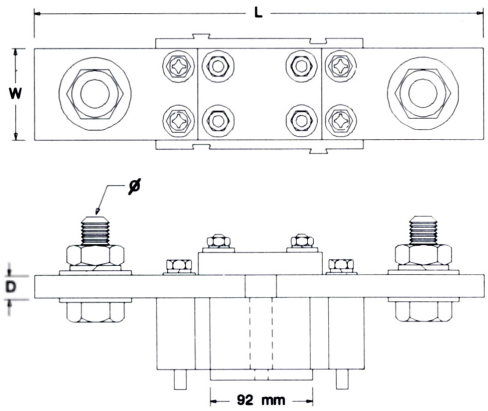
TYPE CKM-W
Surface Mounting
Automatic Changeover Switch
63A ~ 800A

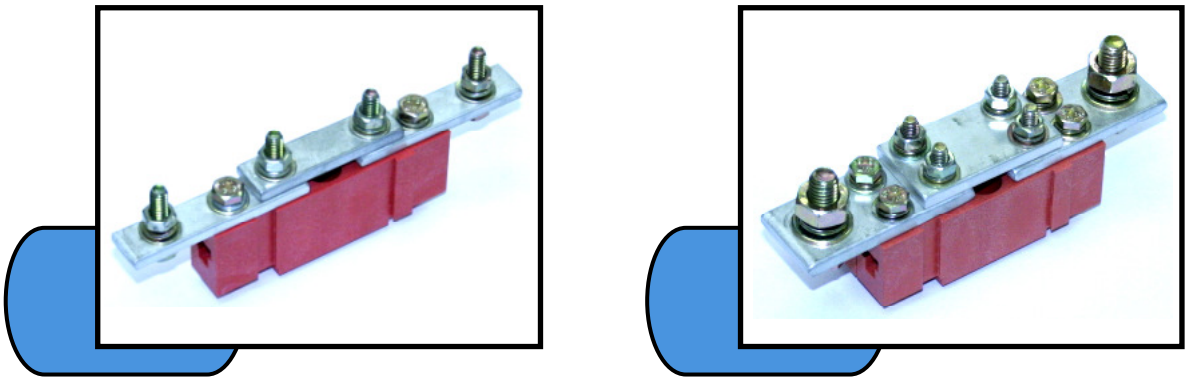
- 4-pole (TP with Switched Neutral)

SURFACE MOUNTING AUTOMATIC CHANGEOVER SWITCHES				
RATING	DIMENSIONS IN MM			
	A	B	C	Ø
TYPE CKM-W				
63A	500	600	320	10
125A				
160A				
200A				
250A	600	800	380	10
315A				
400A				
630A	800	1000	380	10
800A				



Selection Chart for Neutral Links

Neutral Links	Type No.	Current Rating	Busbar Size L x W x D (mm)	Stud Ø (mm)
	NL 32	6A ~ 32A	152 X 12 X 3	M6 x 20
	NL 100	40A ~ 100A	152 x 15 x 3	M6 x 20
	NL 160	125A ~ 160A	152 x 30 x 5	M8 x 30
	NL 250	200A ~ 250A	152 x 30 x 5	M10 x 30
	NL 400	315A ~ 400A	152 x 40 x 6	M10 x 30
	NL 630	450A ~ 630A	172 x 40 x 10	M12 x 45
	NL 800	800A	172 x 50 x 10	M12 x 45
	NL 1250	1000A ~ 1250A	192 x 60 x 10	M16 x 50



Sole Agent 總 代 理

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