



LS POWER CONTROL PVT. LTD.

SANDWICH BUS DUCT

BUS DUCT The Bus Duct and Rising Main are a prefabricated enclosure consisting of aluminum and copper Busbar's for phase and neutral supply. It also contains a separate earth Busbar, which is provided on the enclosure.

*All products are made under compliance and are manufactured with supreme quality finishing.



SPECIFICATIONS

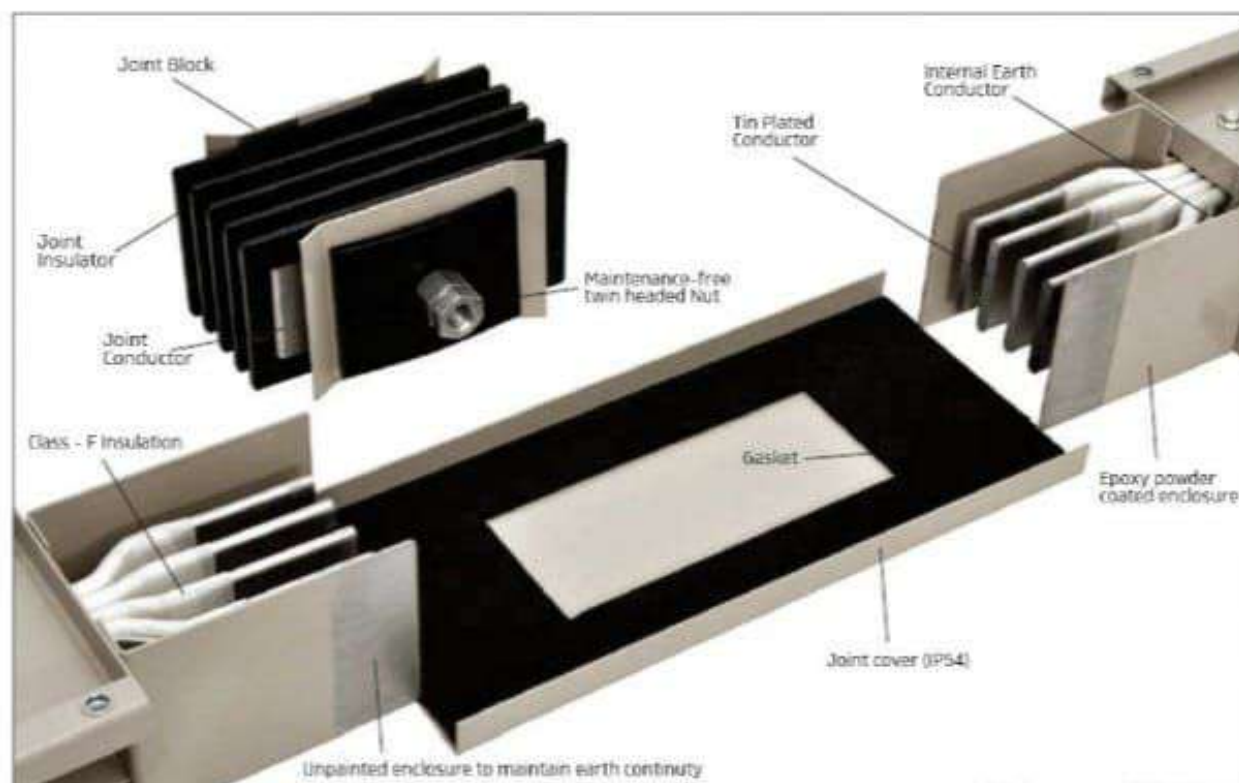
Type	: Sandwich Type
Rating Operating Voltage	: UP-TO 1000V
Rated Current	: 400amp to 6300amp.
System Frequency	: 50 HZ / 60HZ
Design Ambient Temp	: 50 Degree Celsius
Degree Protection (IP)	: 54 & IP-55
Enclosure	: 1.6mm GI/AL
Conductor Material	: Copper and Aluminium
Configuration	: 3 PH + 100% N + 50% Pe
Joint	: Multiple Bolt
Standard	: IEC 61439 (1&6)
Rated Amp	: 315 Amp to 6300 Amp
Operating Voltage	: 1000 Volt AC
Insulation Voltage	: 1000V / Short Circuit 100KA
Standard Length	: 2.5 Meter
Insulation Class	: 'F', Polyster+MICA

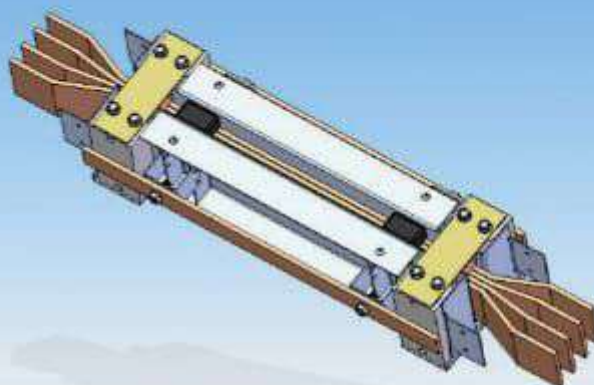
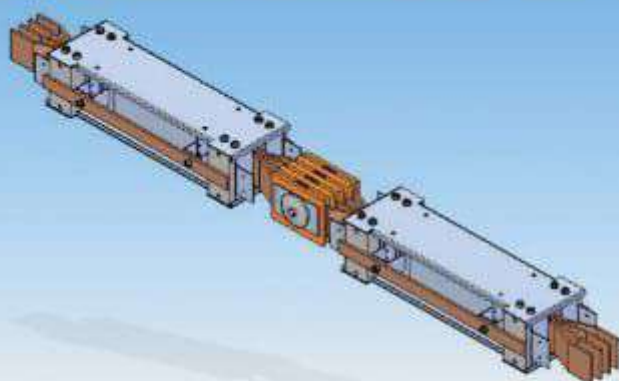
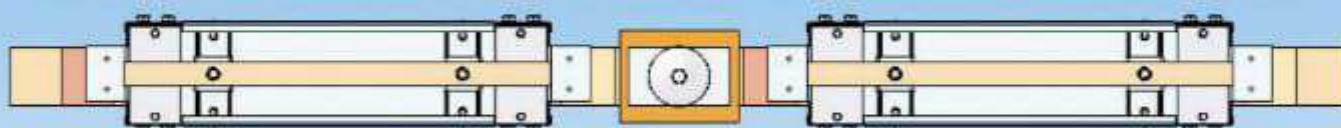
TEST	METAL	RATING
SBBT LIGHTNING IMPULSE VOLTAGE TEST 12 KV	AL & CU	4000A & 1250A
AIR INSULATED IMPULSE VOLTAGE TEST 12 KV	AL	4000A
SBBT TEMPERATURE RISING TEST	AL	630A, 800A, 1000A, 1250A, 2500A, 4000A, 6300A
	CU	1250A & 4000A
AIR INSULATED TEMPERATURE RISING TEST	AL	4000A
SBBT SHORT CIRCUIT TEST 100KA FOR 1 SEC	AL & CU	4000A
AIR INSULATED SHORT CIRCUIT TEST	AL	4000A
SBBT SHORT CIRCUIT TEST 65KA FOR 1 SEC	AL & CU	4000A
SBBT SUITABLE FOR SEISMIC ZONE - III	AL	2500A
SBBT SUITABLE FOR SEISMIC ZONE - V	AL	2500A
Ip42 ON SBBT	AL & CU	4000A
IP54-II ON SBBT	AL & CU	4000A
ALL TESTS AS PER IEC 61439 AND IEE 693.2018 AT CPRI LABS		

System Components



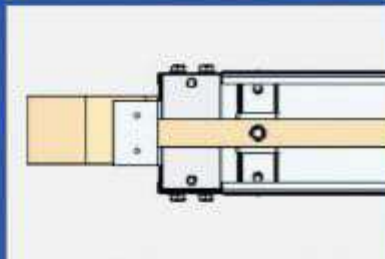
Joint Block Assembly





COPPER		SINGLE BAR							
RATED CURRENT	AMPS.	500	630	800	1000	1250	1600	2000	2500
PRODUCT CODE	ICF	SBC040BN1	SBC050BN1	SBC080BN1	SBC070BN1	SBC100BN1	SBC125BN1	SBC175BN1	SBC230BN1
BUSBAR SIZE PER PHASE	MM	40x6(1)	50x6(1)	60x6(1)	70x6(1)	100x6(1)	125x6(1)	175x6(1)	230x6(1)
OVER ALL HEIGHT	MM	95	105	115	125	155	180	230	285
COPPER		DOUBLE BAR			TRIPLE BAR				
RATED CURRENT	AMPS.	3200	4000	5000	6300				
PRODUCT CODE	ICF	SBC125BN2	SBC175BN2	SBC230BN2	SBC175BN3				
BUSBAR SIZE PER PHASE	MM	125x6(2)	175x6(2)	230x6(2)	175x6(3)				
OVER ALL HEIGHT	MM	360	460	570	690				
ALUMINIUM		SINGLE BAR							
RATED CURRENT	AMPS.	315	400	630	800	1000	1250	1600	2000
PRODUCT CODE	ICF	SBA040BN1	SBA050BN1	SBA070BN1	SBA100BN1	SBA125BN1	SBA150BN1	SBA175BN1	SBA230BN1
BUSBAR SIZE PER PHASE	MM	40x6(1)	50x6(1)	70x6(1)	100x6(1)	125x6(1)	150x6(1)	175x6(1)	230x6(1)
OVER ALL HEIGHT	MM	95	105	125	155	180	205	230	285
ALUMINIUM		DOUBLE BAR			TRIPLE BAR				
RATED CURRENT	AMPS.	2600	3200	4000	5000	6300			
PRODUCT CODE	ICF	SBA150BN2	SBA175BN2	SBA150BN3	SBA175BN3	SBA230BN3			
BUSBAR SIZE PER PHASE	MM	150x6(2)	175x6(2)	150x6(3)	175x6(3)	230x6(3)			
OVER ALL HEIGHT	MM	410	460	615	690	855			

Types



Project Site



Product Features:

- ☛ Low Impedence and compact size.
- ☛ User Safety in terms of Fire propagation, Penetration and interlocking during operation.
- ☛ Flexibility in Distribution, Ease of Installation, upgradability, Reusability & Aesthetics.
- ☛ Manufactured with Integral earthing as a standard feature.
- ☛ Improved Thermal Charaterstic, High Mechanical & short Circuit Strenght.

ISO ✓ ISO 9001 : 2005
✓ ISO 14001 : 2015
✓ ISO 45001 : 2018



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MR. WATT

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