

SPECIFICATION DOCUMENT

Technical Data – General

Item	Technical Parameter	Value
1	Rated Voltage	12 kV
2	Service Voltage	11 kV
3	Frequency	50 Hz
4	IP Rating	IP 54
5	Rated Current LBS	630 A
6	Rated Current Breaker	630 A
7	Rated Lightning Impulse Withstand Voltage	75 kVp
8	Rated Power Frequency Withstand Voltage	28 kV for 1 min.
9	Short Time Withstand Current	21 kA for 3 sec.
10	Peak Withstand Current	50 kAp
11	Internal Arc Classification	A-FLR
12	Internal Arc Fault	21 kA for 1 sec.
13	Color Shade	RAL 7035

Technical Data – Specific

Item	Item Description	Proposed
1	Motorization of LBS	EXCLUDED
2	Motorization of VCB	EXCLUDED
3	Location	Outdoor
4	Configurations	3WAY SBS
5	Extensibility	EXT
6	Protection Relay	Self-Powered Type (ZIV) OR EQUIV.
7	Relay Protection Functions	50/51/50N/51N
8	Current Transformers Details	Sensor Type 150-50/1 A

9	Earth Fault Indicator	Included
10	Location of EFI	Left-Hand Cable Box
11	Voltage Indicators	Included
12	Cable Termination Kits	Excluded
13	Cable Sockets	Excluded
14	Cable Glands	Excluded
15	Cable Boots	Excluded
16	Cable Testing Device	N.A
17	CVI Auxiliary Contacts	Excluded
18	IR Windows for Partial Discharge	Excluded
19	Extension Kits	N.A
20	Training	Excluded
21	Testing and Commissioning	Excluded
22	Installation	Excluded
23	RTU	Excluded
24	Co-ordination Study	Excluded
25	Auxiliary Supply	Excluded
26	Transformer/DGPT/MDB	Excluded
27	Type Test Repetition	Excluded
28	Spare Parts	Excluded