

ELECTRICAL INDUSTRIAL COMPANY (EICO)

Medium Voltage Switchgear

GENERAL SPECIFICATION (MV12)

According to medelec design and technical specification of G.E.C.O.L

System	:	11KV,3 phase,50Hz,Neutral earthed phase sequence standard
Breaking Capacity	:	25KA for 3s or 31.5KA for 3s
Impulse Level	:	75KV
Nominal voltage	:	12Kv ,50Hz solidly earthed neutral
Site Conditions	:	Indoor ,Clean and Dry
Rating current VCB	:	800A or 1250A
Bus bars	:	1250A or 2000A in air
Earth bars	:	200sq .mm to earth
Auxiliary Supplies	:	50VDC,110VDC,or 200V DC for operation & 220V AC indications and heaters
Cables	:	Terminated in air from below
Current transformers	:	In air
Tests	:	Standard Routine Works Test
Automation	:	with SCADA system control
Switchgear finish	:	RAL 7032 textured
Instrument	:	Flush mounted
Relays	:	Flush mounted modular

TYPICAL Transformer Feeder Unit for distribution S/S (As per G.E.C.O.L Specs)

TYPICAL Bus-Section Unit for distribution S/S (As per G.E.C.O.L Specs)

TYPICAL Outgoing Feeder Unit for distribution S/S (As per G.E.C.O.L Specs)

TYPICAL INCOMING FEEDER UNIT(WITH VT)for distribution S/S (As per G.E.C.O.L Specs)

STANDARD Common Gear (As per G.E.C.O.L Specs)