



## Metering Cubical



### Construction :

Metering Cubicles are manufactured suitable for free standing using sheet steel with powder coated finish. These are extensively used for outdoor installations. The panel is compact and simple in construction, finished to IP 55 protection class.

The Panel contains the equipment complete with busbar, epoxy insulators, arcing and main contacts and arcing chamber including C.T. & P.T.

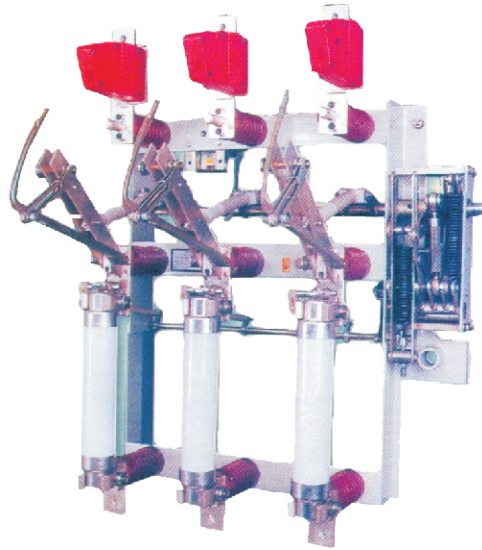
Through state of the art design, we can seamlessly combine Load Break Switch and Metering Cubical into a single unit to fit the requirement of metering and switching. The panel can be divided into four chambers - viz : Incoming Cable Termination, C.T.'s & P.T.'s, Energy meter with T.T.B. to facilitate testing and LBS with H.R.C. Fuse and Outgoing Cable Termination. The cubicle is dust proof. The C.T./P.T. and Metering compartment is sealable as per E.B. norms and tamper proof.

### Special Features :

- Compact and Robust construction .
- Suitable for outdoor installation.
- C.T., P.T. and Meters are provided as per E.B. norms and relevant IS standard
- HRC Fuses are provided to protect against any faults
- Fuse trip mechanism to avoid single phasing.
- Mechanical interlock between main and earth switch.



## Load Break Switch



### Technical Data

Parameter	Description	Current Transformer (Resin Cast)	made as per IS 2705
Designation	Indoor PCESAIR 1263025 MC	Accuracy Class 0.2 S, available in ratio of	
Type of Break	Air Break	10 A, 15 A, 20 A, 25 A, 30 A, 40 A, 50 A,	
Rated Voltage	12 kV		
Rated Insulation Voltage	28 KV RMS / 75 KV PEAK		
Rated Current	630 A		
Rated Frequency	50 Hz	Potential Transformer (Resin Cast)	
No. of Phase	3	Accuracy Class 0.2 , (or as per EB norms)	
No. of Break / Pole	Single		
Rated Short Circuit Withstand Current	25 KA		
Rated Short Circuit Peak Withstand Current	63 KA	Trivector Meter Accuracy class 0.2 specifications as per EB norms	
Rated Short Circuit Making Capacity	20 KA RMS / 50 KA PEAK		
Applicable Standard	IS-9920		
Protection by H.R.C. fuse as per transformer rating			

Technical specifications may change due to constant improvements.



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