



Betelco

POWER SOLUTIONS



SWITCHGEAR HT / LT / PFI

AN ISO 9001:2008 CERTIFIED COMPANY



www.betelco.com

...delivering the best value and service



/betelco.bd

বেঙ্গল টেলিকমিউনিকেশন এ্যান্ড ইলেকট্রিক কর্পোরেশন (প্ৰাঃ) লিঃ
Bengal Telecommunication & Electric Corp. (Pvt.) Ltd.

Head Office : Mahtab Center (11th Flr), 177 Shahid Sayed Nazrul Islam Sarani, Bijoy Nagar, Dhaka 1000, BANGLADESH
t : (+880-2) 831 3326 / 7, 832 2201, 936 2526, (+880)961 0999 185 f : (+880-2) 831 6395 e : info@betelco.bd.com
Chittagong : IPL Morning Dew (5th Floor), Unit # A5, Road #2, Lane #3, Block #6, Halishahar Housing Estate, Chittagong t : (+88) 017 5011 2 310

Customer Service : (+88) 017 42 44 33 44 (24 Hours)



Description

Various **Switchgear Panels** are fabricated in our factory as per customer's requirements. The table below lists the technical specifications for the HT, LT and PFI switchgear. The panels which house the various components are sheet steel clad, dust and vermin proof.

Switchgear components (such as VCB, ACB, MCCB, Relay, CT, PT, Capacitor, Fuse, etc) offered are sourced from well-known and highly-reliable brands such as **ABB, SIEMENS, LS** and others as listed below. Bus-bars and conductors housed in panels are usually of **Copper**. All panels are provided with an **Earthing Terminal**. As both a

safety and security feature, all panel doors come with a **Locking System**.

The High and Low voltage side of **HT Switchgear** are separated to avoid accidents during operation. All **controls, indicating and measuring devices**, are located on the front of the upper low-voltage compartment of the switchgear and PFI panels. **PFI** panels are manufactured for both manual and auto operation.

Panels receive standard anti-corrosion surface treatment and **Powder Coating**, final color **Betelco Medium- Grey**.

Specifications

	Components	Rated Voltage (kV)	Rated Current In Busbar (A)	Power Frequency Withstand Voltage (kV/1min.)	Rated Frequency (Hz)	Standard
HT Switchgear (630A - 1250A)	LBS from 315 kVA upto 630 kVA Substation	12	630 / 800 / 1250	28	50	IEC
	VCB above 630kVA Substation					
LT Switchgear (25A - 6300A)	TP ACB	0.415	1000 / 1500 / 2000	3	50	IEC
	TP MCCB					
	TP MCB					
	SP MCB					
PFI Plant (10kVAR - 3400kVAR)	Capacitor	0.415	500 / 1000 / 2000	3	50	IEC
	PFC Relay					
	Magnetic Contactor					

* In the interest of continuous technical development, the above specifications are subject to change without prior notice.

HT Switchgear

- LBS
 - ▶ F&G Germany
- VCB
 - ▶ SIEMENS
 - ▶ ABB
 - ▶ **Betelco**
- CT / PT
 - ▶ SIEMENS
 - ▶ Other brands
- IDMT Relay
 - ▶ SIEMENS
 - ▶ ENTES
 - ▶ Other brands

LT Switchgear

- ▶ ABB
- ▶ LS
- ▶ Dorman Smith
- ▶ Merlin Gerin
- ▶ Telemecanique
- ▶ Other brands

PFI Plant

- Capacitor
 - ▶ Frako
 - ▶ Epcos
 - ▶ Aener Energia
 - ▶ Havells
 - ▶ Enerlux
 - ▶ Ducati
- Magnetic Contactor
 - ▶ Togami
 - ▶ LS
 - ▶ Dunga
- PFC Relay
 - ▶ Frako
 - ▶ Epcos
 - ▶ Shizuki
 - ▶ Beluk
 - ▶ PR Tec.
 - ▶ Mikro
 - ▶ Other brands

WARRANTY : We provide manufacturer's warranty of 12 months, from the date of delivery, on all switchgear components.

