



Capacitor Blocking Units (CBUs)

CBUs are used to prevent loss of high frequency power line communication signals through capacitor banks.

PRODUCT ATTRIBUTES

Rating	Currents of 15,30,60, 85 amps designed for 125 kV BIL, special millihenries available
Mounting	Pole or cross-arm
Construction	Distribution-style tank fitted with a standard NEMA hanger and chime ring cover construction

APPLICATIONS

- A high impedance inductor that prevents distribution line carrier signals from being shunted to ground through grounded distribution capacitors.
- Provides low impedance to ground at 60 hertz power frequency, but a high impedance to ground to the carrier signal.
- Designed to withstand the switching duty imposed by switched capacitor banks and fault currents that may be associated with capacitor failures.
- A single CBU is needed for each phase of a single bushing, ground capacitor bank.
- The three-phase bank composed of two bushing capacitors may be blocked with a single CBU placed in the common or neutral of the capacitor bank.