

## Prudent Use of Quality Power

### Super Heavy Duty Long Life Capacitor Type : SHDLL Low ESR Long Life



#### Product Features:

- Range from 5 KVAR to 30 KVAR
- Non Self Healing Type
- Voltage :  
415 / 440 / 480 / 525 Volts.
- Aluminium foil + Polypropylene film with extended foil design ensuring low losses.
- High inrush current withstanding capacity.

#### Application:

- Induction furnace
- Steel/Foundry Industries
- Cement/Paper/Textile Industries
- Detuned Harmonic filter Application
- Suitable to work in very heavy harmonic applications.

#### Specially designed for:

- Continuously fluctuating loads (Welding, Press, Steel Rolling)
- Highly Non-linear loads (VFD, UPS, SMPS, DC Drives)

**Ideal for applications having Non Linear loads above 50%**

## SHDLL: Standard Technical specifications for 3 Phase, 50 HZ, Delta connected Capacitor

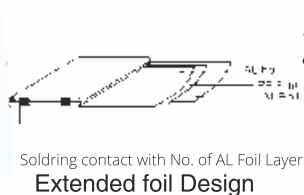
Type	SHDLL
Rated Voltage (Un)	415/440/480/525/VAC
Temperature Category	45-50 degree C
Active Electrode	High Purity Soft Annealed 5.0 Micron Aluminium foil
Dielectric	Both side Hazy BOPP film
Losses (per KVAR)	<0.3 Watts/KVAR
Impregnant	PXE (NPCB) Oil-Non hazardous, Biodegradable & Enviro-friendly
Max Permissible Overloads	125% Rated voltage & 160% Rated current or 160% of Rated output
Life Expectancy	>20 Years in Standard operating conditions
Reference Standard	IS 13585(Part1): 2012- with ISI Mark
Rated Output of Unit	5 to 30 KVAR Single Unit (440 VAC)
Location	Indoor / Outdoor
Unit Protection	Internal Individual Element Fused
Container	Hermetically sealed CRCA with latest Welding Technology
Bushing	Corrugated Bushing with extra Creepage Distance for better performance even in heavily polluted atmosphere, Fitted with Silicon Rubber sealing
Terminal	Extruded Brass (M8/M10) Terminal with Nickel/ Tin plating
Earthing	Provided- 2 Nos.
Discharge Resistors	Metal Oxide (External)
Terminal Cover	2 Piece Terminal Cover (For ease of cable connection)
Painting	1 Layer of Epoxy primer & 2nd layer of Polyurethane paint

### Unique Features

#### Terminal Assembly

##### SUBODHAN Design

- Robust Terminal Assembly
- Extra Creepage distance
- Capable of handling High Currents & dusty atmosphere

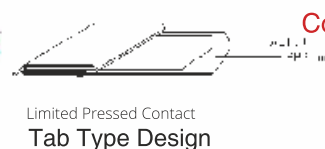


#### Internal Connection

##### SUBODHAN Design

- Ensures firm connections & low losses.

##### Conventional Design



##### Conventional Design

## Subodhan Engineers (Pune) Pvt. Ltd.

H. O. : 27, Marble House, 473, Sadashiv Peth, Pune - 411 030.  
Works : B9, Co. Op. Industrial Estate, Baramati, Dist. Pune - 413 102.

☎ +91 20 24476187 ✉ response@subodhancapacitor.com

