

Pad-Mounted Capacitor Bank

For more information on Hubbell Power Factor Correction Solutions, please visit:

www.hubbell.com/hubbellpowersystems/en/solutions/power-factor-correction

For product information, inquiries or questions, please email: DL-Trinetics-Marketing@Hubbell.com

Customer / Project Title:

System Requirements

Total KVAR: _____ (3600 KVAR max.) **Line-to-Line Voltage:** _____

System Type: Grounded Wye Ungrounded Wye Delta

Feed Type: Radial Feed Loop Feed

BIL Rating: 95KV BIL 110KV BIL 125KV BIL 150KV BIL OTHER _____

Frequency: 60Hz 50Hz

Capacitor Requirements

Size of Individual Cap: _____ KVAR **Capacitors per Phase** 1 2 3

Capacitor Fusing: **External** (standard) **Internal**

(if different from above) **BIL Rating** _____ **Voltage Rating** _____

Number of Bushings per Capacitor:

2 (Standard for all system except 150KV BIL)

1 (150KV BIL, available option for Grounded Wye only)

Capacitor Rating: **Standard Duty** (SD) **Heavy Duty** (HD)

Capacitor Switch Requirements

BIL Rating: (if different from above) 95KV BIL 110KV BIL 125KV BIL 150KV BIL

Switch Type	Operation	Current	Aux Contact
None			
CSD Oil Switch	Motor	90A	Standard (5 Pin)
VS Vacuum under Oil Switch	Solenoid*	200A	Form A
UltraVac Vacuum Switch		400A	Form B
Compact UltraVac			Form C
SmartClose 3 Phase, Zero-Close Smart Switch			

* Solenoid option is not available for CSD or VS switches

You can specify required values, OR request the factory to make an appropriate selection or system recommendation

Distribution Arrestors

Specify Distribution Arrestors: _____ kV _____ kV MCOV
NONE OR Please select appropriate value per factory recommendation

Control Power Transformer (CPT)

Specify Control Power Transformer: _____ kVA ratio _____ : _____ (ex. 14400:120)
NONE OR Please select appropriate value per factory recommendation
Custom Bushing or other requirements: _____

Meter Socket / Junction Box

Please specify in the Comments/Notes section if you need anything outside of the listed options.

NONE	Terminal Only	Terminal in door
	Terminal with 4 Jaw Meter Socket	Terminal with 4 Jaw Meter Socket in door
	Terminal with 6 Jaw Meter Socket	Terminal with 6 Jaw Meter socket in door

Reactors

Select based on factory recommendation

NONE OR Specify Value _____ Please select appropriate value per factory recommendation

Bushing Configuration:

Bushing Type: 200A bushing wells 200A bushing wells w/inserts 600A bushing wells

Fuse Type: NONE Group Fuses, X-limiter (per phase)
Individual Fuses, NXC (per capacitor) Other (fully specify): _____

Encl. Material: Mild Steel Stainless Steel (304) Other _____

Paint: Munsell Green 7GY 3.29/1.5 Lt Grey/ANSI 70

Controller Options:

NONE Aclara CST Beckwith SEL Other _____

If you are using own controller please specify the make and model in the Comments/Notes section.

Comments / Notes:



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