

				
Sr. No.	Capacitor Bank kVAr	Current/Phase in Amp@415Vac	Current/Phase in Amp @440Vac	Required Thyristor Switch
1	5	6.95	6.56	TSCI-02/25
2	7.5	10.43	9.84	TSCI-02/25
3	10	13.91	13.12	TSCI-02/25
4	12.5	17.39	16.4	TSCI-02/25
5	15	20.86	19.68	TSCI-02/25
6	20	27.82	26.24	TSCI-02/40
7	25	34.78	32.8	TSCI-02/40
8	30	41.73	39.37	TSCI-02/40
9	40	55.64	52.48	TSCI-02/80
10	50	69.56	65.61	TSCI-02/80
11	60	83.47	78.73	TSCI-02/120
12	75	104.34	98.41	TSCI-02/120
13	100	139.12	131.22	TSCI-02/160
Thyristor Switch Primary Selection questionnaire for Customer				
1) Nominal Supply Voltage Line-to-Line? And Phase-to-Neutral?				
2) Required Step kVAr & Capacitor Current Per Phase?				
3) Present Voltage Harmonics Levels in detail and also THD Level?				
4) Present Current Harmonics Levels in detail and also THD Level?				
5) Use of any detuned reactor, if not, at least use of 0.2% Reactor?				
6) Use also with D-G Set operation required?				
7) APFC Controller (RTPFC or TPF Relay) command Voltage? AC or DC Command Voltage?				
8) Any feed back to APFC Controller?				
9) Capacitor Bank Status Indication Lamp on Panel Door, Voltage (AC/DC), Current etc.?				
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