

Capacitor Sizing & Selection

Enter Parameters Here

MD : 120 kW

Initial PF : 0.70

Target PF : 0.95

Load Factor (% MD) : 100 %

Recommended CT Range : 200 - 250

CT size Selection : Auto / 5A

Cap rated Voltage : 440 Vac

Network Voltage (L-L) : 415 Vac

1st Step Cap Size : Auto

Harmonic Filter : None



NV-xx - The Smarter Choice

Extremely user friendly with a host of fe
Switching Sequence, auto CK, Alarm, op

PQM-1000s - The Smarter Cl

Extremely user friendly with many hi-En
view, all relevant electrical Parameters, €

DP-xx series Protection Rela

Extremely user friendly controls for easy
short circuit with **SPARC**, trip events hist
external plug-in-type RS-485 module, etc

CT Size :	250 / 5A
Required kVar :	93 kVar / 440V

Switching Program	Capacitor Steps (kVar)								
	1	2	3	4	5	6	7	8	9
1:1:1:1:1	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1:2:2:2:2	2.5	5	5	5	5	5	5	5	5
1:2:4:4:4	2.5	5	10	10	10	10	10	10	10
1:1:2:2:2	2.5	2.5	5	5	5	5	5	5	5
1:1:2:2:4	2.5	2.5	5	5	10	10	10	10	10
1:1:1:2:2	2.5	2.5	2.5	5	5	5	5	5	5
1:2:4:8:8	2.5	5	10	20	20	20	20		

Note: The above selection / option is only provided as a guideline for capacitor step & size selection. Actual may vary and require different combination / selection of capacitor steps & sizes.

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Power Factor Controller



Power Quality Analyzer



Protection Relay



for Automatic Power Factor Correction

atures (THD & THD spectrum measurement, exhaust FAN control, smart
eration from 1% load, capacitor usage stats, etc)

choice for Power Quality Monitoring

d features (Waveform view, 360 Phasor view, THD Specturm Bar graph
external plug-in-type RS-485 module, etc)

ly - Best in Class

parameter setting and viewing (superior tripping response to
tory with last tripped elapsed time, fault events history,
c)

Valid

Invalid

10	11	12	13	14	Total kVar	Number of Steps	Total Cap Ampere	Recommeded MCCB Size
2.5	2.5	2.5	2.5	2.5	35	---	---	---
5	5	5	5	5	67.5	---	---	---
10	10				97.5	11	120.7	200
5	5	5	5	5	65	---	---	---
10	10	10			95	12	117.6	200
5	5	5	5	5	62.5	---	---	---
					97.5	7	120.7	200

al load condition

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