

## PRODUCT SELECTION MATRIX - AUTOMATIC POWER FACTOR CONTROLLER





	3-CT PFC	1-CT PFC	
	SPF-21XK8TINO	SPF-21XK8RINO	
Features/Models			
✓ - Available			
X - Not Available			
- Optional			
EASY EDIT settings for standard LV usage	✓	✓	
PC programmable EXPERT EDIT remote upload	✓	✓	
HV APFC system usage	✓	✓	
Steps Capacitor testing mode	✓	✓	
Fixed capacitor banks step declaration by user	✓	✓	
Fixed or Proportionate Correction time - user set	✓	✓	
Mono-phase compensation with Cap & Ind. VAR	✓	✓	
Inductive VAR compensation for 3-ph & per-ph.	✓	✓	
User friendly Keyboard for front operations	✓	✓	
Capacitor step status on front LCD	✓	✓	
Adjustable C/K/Offset & VAR band width to Target PF	✓	✓	
Automatic Supply V & A synchronization	✓	✓	
Automatic step VAR detection	✓	✓	
APPLICATION FEATURES			
Manual wiring V & A synchronization	✓	✓	
Expansion of steps by additional module	✓	✓	
Dual PF settings for Generator & Grid supply	✓	✓	
Voltage & Current sensing on 2 sides of transformer	✓	✓	
Remote communication for VAR compensation	✓	✓	
HV side sensing and LV side compensation	✓	✓	
LV side sensing & compensation with HV side control	✓	✓	
4-quadrant operation for SolarWind generation	✓	✓	
High speed cycle to cycle control with Thy.version	X	✓	
PC-Application program for data view & log	✓	✓	
Two X'mer with 2 APFC with bus coupler operation	✓	✓	
Monthly auto reset of MD / Energy values	✓	✓	
Password protected user settings	✓	✓	
"I AM OK" self monitoring health indicator (LED / LCD)	✓	✓	
Data Logging (PQ ANALYSIS) & IoT (SCADA)			
Internal data log memory of 3.9M-bit	✓	✓	
Log of user programmable size interval data	✓	✓	
Log of user programmable time interval data	✓	✓	
Fault / Event data up to last 250 records on FIFO	✓	✓	
Daily stored parameter log up to 4 months	✓	✓	
Real time data availability on MODBUS (RS-485)	✓	✓	
Real time data by GPRS https:// to web server	✓	✓	
Logged data by GPRS https:// on web server	✓	✓	
User settings by PC-App "PFC_DATAVIEW"	✓	✓	
User settings by GPRS https:// to web server	✓	✓	
RTC clock auto update when connected to GPRS	✓	✓	
MODBUS declaration of any step masked or usable	✓	✓	
Remote firmware update services	✓	✓	
PC-App with facility for GPRS Web view	✓	✓	
Secured end to end GPRS communication	✓	✓	
TYPE TEST CERTIFICATIONS			
CE	✓	✓	
ROHS	✓	✓	
EMC	✓	✓	
EMI	✓	✓	
SAFETY Voltage category III	✓	✓	
Environmental	✓	✓	
IP Enclosure	✓	✓	
Pollution Degree III compliance	•	•	•
Accuracy of Measurement as defined	✓	✓	
Galvanic isolation insulation standards	✓	✓	
Storage	•	•	•
Handling safety	•	•	•