General Technical Index

Technical parameters			Index
Input	Voltage	Rated value	AC 0~600V
		Over load	Consistent:1.2 times instantaneous:2 times /30s
		Comsumption	<0.5VA(each phase)
		Impedance	>500kΩ
	Current	Rated value	AC 1A, 5A
		Over load	Consistent:1.2 times instantaneous:2 times /1s
		Impedance	<2mΩ
	Frequency		45~65Hz
Measuring accuracy	Voltage, current		±(0.5%FS+one digit)
	Active reactive power		±(0.5%FS+one digit)
	Frequency		±0.1Hz
	Harmonic		The three-phase voltage/current 21 total harmonic content
	Power factor		±0.01PF
	Active energy		±0.5%(only for reference, not for meterage)
	Reactive energy		±1.0%(only for reference, not for meterage)
Power	Scope		AC 220V,50/60Hz AC/DC 85~265V .....
	Consumption		<5VA
Safety	Withstand voltage	Input and power	>2kv50Hz/1min
		Input and output	>1kv50Hz/1min
		Output and power	>2kv50Hz/1min
	Insulating resistance		Any two of input, output, power, casing>20MΩ
Environment	Temperature		Operation: -10~50°C
			Storage: -25~70°C
	Humidity		≤85%RH. free of wet and corrosive gas
	Elevation		≤3000m

Type and designation

SF□-□ □ □ -□ □ +□

Additional functions
RS:Communication interface: RS485
nDO:switch value output(n=1,2,3,4 channels)
nDI:switch value input(n=1,2,3,4 channels)
nAO:analog quantity output(n=1,2,3,4 channels)
H:harmonic

Measurement parameters(can combine several parameters)
U:voltage **I**:current **F**:frequency **H**:power factor **P**:active power
Q:reactive power **R**:revolutions per minute **E**:multifunaction power meter

Phase
Omit:single-phase or DC **3**:three-phase

Display mode
1: one-row nixietube display **2**: two-row nixietube display
3: three-row nixietube display **4**: four-row nixietube display
5: five-row nixietube display **6**: six-row nixietube display
Y: LCD display

Function code
K:programmable meter
S:multifunaction meter
C:sensor signal meter

Shape code
4: 48×48 **5**: 96×48 **7**: 72×72
8: 80×80 **9**: 96×96 **G**: modular type

N: long case **S**: short case