

# Product datasheet

## Specifications

### Power Factor Relay

### PFR96Bs 8 Steps Special type 230V 96x96mm

PFR96BsM7



Standard	IEC 61000-6-2
<b>Auxiliary Supply</b>	
Rated voltage (Un)	230V
Operating voltage Range	±10%
Frequency (In)	50/60Hz
Power consumption	10VA max
Generator Input	110 ~ 250V
<b>Voltage Measurement Input</b>	
Rated voltage	10 ~ 500V
Power consumption	10VA max
<b>Current Measurement Input</b>	
Rated current (In)	5A
Operating current range	50mA ~ 5.5A
Power consumption	2VA max
<b>Relay Output</b>	
Numbers of outputs	8
Output contact	5 A, 250V AC, 1250VA (NO)
Expected electrical life	≥ 100000 operations at rated current
Expected mechanical life	≥ 5000000 operations
Alam relay / Fan relay	1NO / 1NO
<b>Control Range</b>	
Cosφ 1 setting	0.80 (ind.) ~ -0.8 (cap)
Cosφ 2 setting (generator input on)	0.80 (ind.) ~ -0.8 (cap)
CT ratio / VT ratio	1 ~ 2000 / 1 ~ 2000
Time delay (on, off)	Between 2 sec -1800 sec
Over voltage values	240-275V (265)
Switching program	01 ~ 10
<b>Display</b>	
Display screen	Red LED display with 4 digits
Measure	Cosφ, V, I, W, Var, VA, °C, THD
<b>Environmental Conditions</b>	
Ambient temperature	-5°C - 55°C
Humidity	5% - 95% non-condensing
Box protection class	IP 54 (front panel)
<b>Mechanical</b>	
Mounting	Panel mounting
Connections	Socket terminals with screw
Dimension (HxWxD)	96x96x91mm
Switchboard cut-out	91x91mm
Weight	0.45kg

