

# Product datasheet

## Specifications

### Power Factor Relay

### PFR96 6 steps 415V 96x96mm

PFR96bN7



Standard	IEC 61000-6-2
<b>Auxiliary Supply</b>	
Rated voltage (Un)	415V
Operating voltage Range	±10%
Frequency (In)	50/60Hz
Power consumption	3VA – 10VA
<b>Current Input</b>	
Rated current (In)	5A
Operating current range	50mA ~ 5.5A
Power consumption	2VA max
Frequency (In)	50/60Hz
<b>Relay Output</b>	
Numbers of outputs	6
Output contact	5A, 250V (NO Contact)
Expected electrical life	> 100000 operations at rated current
Expected mechanical life	> 5000000 operations
No-Volt Feature	In case of power failure longer than 200 msec.all capacitor steps are disconnected automatically
Alarm relay	1 (NO Contact)
<b>Control Range</b>	
Cosφ setting	0.85 (ind.) - 1.00
C/k setting	Automatic / 0.02-1.0
CT value	5 - 10000/5
Time delay (on, off)	Between 2 sec - 50 sec
Over voltage values	410-480V (475)
Switching program	PS1 – PS5
<b>Display</b>	
Display screen	LED
Measure	Cosφ, PF, V, I, W, Var, VA
<b>Environmental Conditions</b>	
Ambient temperature	-5°C - 55°C
Humidity	5% - 95% non-condensing
Protection class	IP 40
Terminal block protection class	IP 00
Equipment protection class	Double Insulation-Class II
<b>Mechanical</b>	
Mounting	Panel mounting
Connections	Socket terminals with screw
Dimension (HxWxD)	96x96x91mm
Switchboard cut-out	91x91mm
Weight	0.45 kg

