

Product datasheet

Specifications

Power Factor Relay

PFR120 12 steps 415V 144x144mm

PFR120bN7



Standard	IEC 61000-6-2
Auxiliary Supply	
Rated voltage (Un)	415V
Operating voltage Range	±10%
Frequency (In)	50/60Hz
Power consumption	3VA – 10VA
Current Input	
Rated current (In)	5A
Operating current range	50mA ~ 5.5A
Power consumption	2VA max
Frequency (In)	50/60Hz
Relay Output	
Numbers of outputs	12
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)
Control Range	
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 -1800 sec
Over voltage values	410-480V (475)
Switching program	PS1 – PS5
Display	
Display screen	LED
Measure	Cosφ, PF, V, I, W, Var, VA
Environmental Conditions	
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
Mechanical	
Mounting	Panel mounting
Connections	Socket terminals with screw
Dimension (HxWxD)	144x144x67mm
Switchboard cut-out	139x139mm
Weight	0.8 kg

