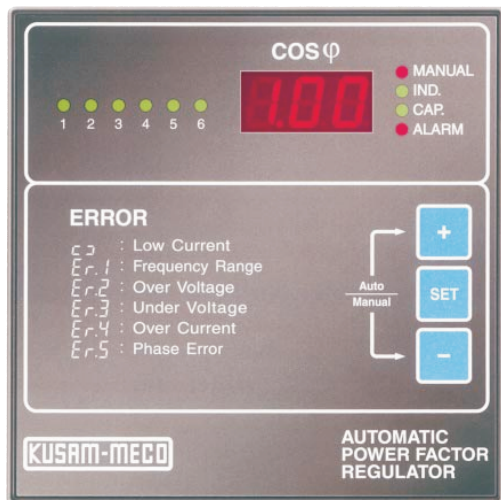


Model - KM-PFR-9-06 / KM-PFR-9-12



The pioneers & leaders in high quality power factor controllers & maximum demand controllers, now introduce 2 new economy models of power factor controllers. These controllers have microprocessors for automatic control of power factor. It has digital indication for power factor.

UNIQUE FEATURES :

- **Display :** Power Factor
- **Simple Operation.**
- **Automatic self adjustment for C/K value.**
- **Different types of Operation sequence (1:1:1:1....) (1:2:2:2....) (1:2:4:4....)...**
(1:4: 8....) (1: 1: 2 : 2)...(1 : 1 : 2 : 2....)(1 : 1 : 4 : 8....)(2 : 4:...(1 - 1-
switching in sequential Sequence)
- **The set data is preserved for at least two months in the event of Power failure.**

SPECIFICATION

	Model KM-PFR-9-06	Model KM-PFR-9-12
No of steps	6 steps	12 steps
Voltage Burden	6 VA	7.5VA
Operation Voltage Range	AC 220 V $\pm$ 15 % & AC 415 V $\pm$ 15 %	
Input Current Range	AC 0.05 ~ 5A, max 6A	
Current Burden	0.5 VA	
Power Factor Display	Digital Display, RED LED, 14.2 mm height, 0.01PF Resolution.	
Power Factor Setting Range	CAP 0.90 ~ IND 0.90 (Factory set 0.98 P.F.).	
C/K setting Range	Automatic self adjustment for C / K value	
Operation Time Display	10 ~ 240 sec. Delay time. (Factory set 30 sec).	
Output contacts coils	AC 220V 5 A (Max. AC 380 V, 5 A, typical)	
Operation Temp. Range	0 ~ 60° C	
Storage Temp. Range	-10 ~ 70° C	
Dielectric Strength	AC 220 V, 50 Hz, 1 minute, Input / Output / Ground	
Withstanding Impulse Voltage	According to IEC 1000 - 4 - 5	
Electrical Transient burst	According to IEC 1000 - 4 - 4	
Connection	Plug in Terminal block	
Phase	Single Phase or Three Phase	
Outside Dimension	144 x 144 mm and 65mm (Depth) as Per Din standard	
Weight	About 1 kg	

All Specifications are subject to change without prior notice

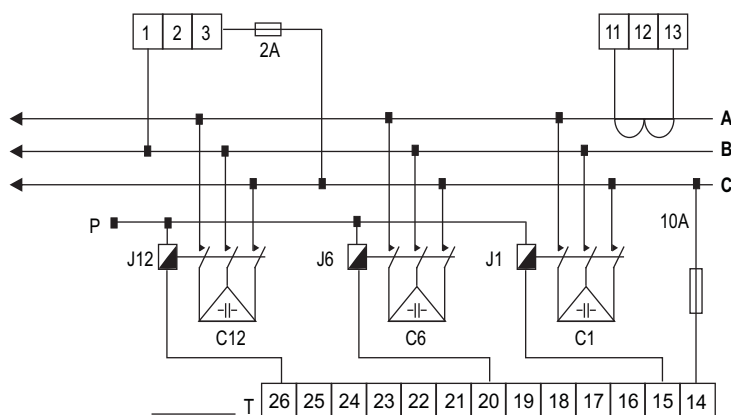
FEATURES :

- **Display :** Power Factor
Line Voltage Input
Load Current
- Precise compensation of Reactive Power with automatic calculation of C / K..
- KVAR based Power Factor Controller
- User friendly menu for simple setting of various Parameters.
- High sensitivity, operates even at 50 mA current signal.
- Over Voltage & Low Voltage protection.
- Automatic & Manual operation
- Stores setting Data even if there is a power failure.
- Standard DIN Size 144 mm x 144 mm for easy installation in control panels.

TECHNICAL DATA :

- **Rated Volatage :** AC 440 V 50Hz / 60Hz (L-L).
- **Rated Current :** AC 50 mA ~ 5A 50Hz / 60Hz
- **Output Relay Rating :** AC 220 V ; 8 A ; 50 Hz
- **Display Power Factor :** Lag 0.001 ~ Lead 0.001
- **Measure Power :** 0 - 9999 KVAR
- **Low-Voltage Protection :** 300 V (L - L)
- **Ambient Temperature :** 20°C ~ 50° C
- **Protection Class :** Ip40
- **Model :** KM-PFR-S-04 : 4 step
KM-PFR-S-08 : 8 steps
KM-PFR-S-12 : 12 steps

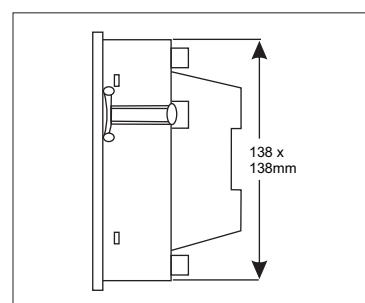
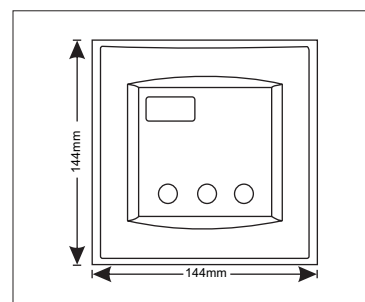
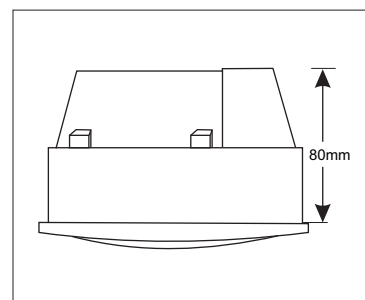
CONNECTION DIAGRAM :



Model- KM-PFR-S-04 KM-PFR-S-08 KM-PFR-S-12



DIMENSION



All Specifications are subject to change without prior notice