

# Product datasheet

## Specifications

### Power Factor Regulator

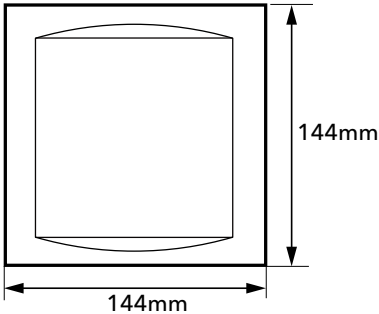
#### PFR120P7 12 steps 230V 144x144mm

PFR120P7

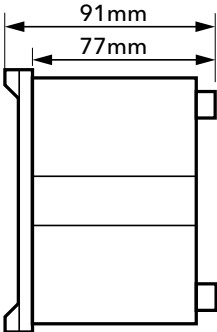


|                                      |                                                       |
|--------------------------------------|-------------------------------------------------------|
| Standard                             | IEC 61000-6-2                                         |
| <b>Auxiliary Supply</b>              |                                                       |
| Supply voltage                       | 200 ~ 240V                                            |
| Operating voltage Range              | -15% ~ +10%                                           |
| Frequency                            | 50Hz or 60Hz                                          |
| Power consumption                    | 10VA max                                              |
| <b>Current Input</b>                 |                                                       |
| Rated current (In)                   | 5A                                                    |
| Operating current range              | 0.02 ~ 8A                                             |
| Rated Frequency                      | 50Hz or 60Hz                                          |
| Power consumption                    | 3VA max                                               |
| <b>Relay Output</b>                  |                                                       |
| Numbers of outputs                   | 12                                                    |
| Output contact                       | 5A at 250V                                            |
| Contact arrangement                  | NO contact type                                       |
| Expected electrical life             | ≥ 100,000 operations at rated current                 |
| Expected mechanical life             | ≥ 5,000,000 operations                                |
| Max current for the common terminals | 12A continuous                                        |
| <b>Control Range</b>                 |                                                       |
| Cosφ setting                         | 0.80 (ind.) ~ -0.80 (cap)                             |
| C/k setting                          | Automatic / 0.02-1.2                                  |
| Switching Sensitivity                | 5 ~ 600 s/step                                        |
| Reconnection Time for Same Step      | 5 ~ 240s                                              |
| Switching Program                    | Off / Automatic / Rotational / Manual / Four-quadrant |
| Rated Step Coefficient               | 1 ~ 16 / Fix / Off                                    |
| <b>Display</b>                       |                                                       |
| Display screen                       | LED                                                   |
| Measurement                          | Cosφ, I, V, W, VA, VAR and THD                        |
| <b>Environmental Conditions</b>      |                                                       |
| Ambient temperature                  | -5°C ~ 55°C                                           |
| Humidity                             | 93% non-condensing                                    |
| Enclosure protection                 | IP54 at the panel                                     |
| <b>Mechanical</b>                    |                                                       |
| Mounting                             | Panel mounting                                        |
| Connections                          | Socket terminals with screw                           |
| Dimension (WxHxD)                    | 144x144x91mm                                          |
| Switchboard cut-out                  | 138x138mm                                             |
| Weight                               | 1.0kg                                                 |

FRONT



SIDE



PANEL  
CUT OUT

