

# RRCR230

## Radio Ripple Control Receiver

PROLAN 

with long-wave radio telegrams  
for the **cost-effective load control**

### TO WHOM WE OFFER:

- for utilities, creating their RRCR systems (typically: for tariff and load control)



### EXCEEDING FEATURES

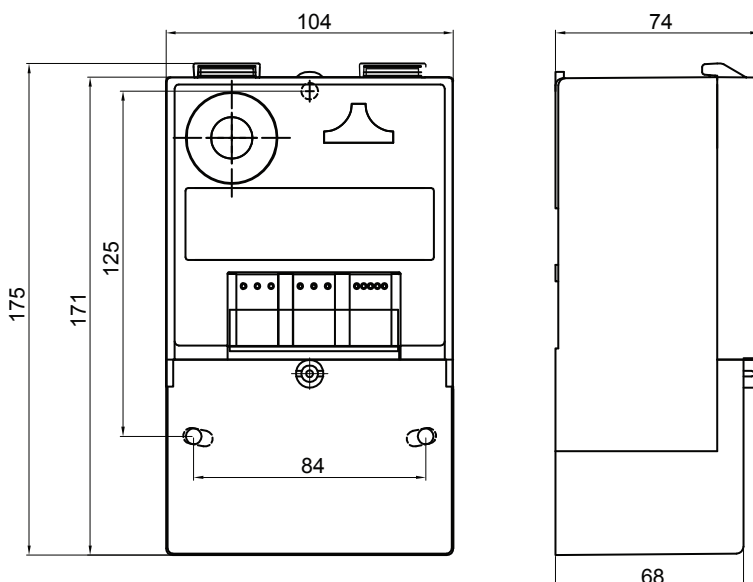
- it gives an opportunity to introduce RKV system with the maximum use of the existing investments
- **competitive price/value rate**
- monthly production capacity is more than 20.000 pcs
- excellent support group, outstanding engineer service
- advanced logistical support, delivery possible to the end-user households
  
- all widely-used communication protocol realized
- unique extensions available to implement
- 16 independent programs, graphical program language
- handling several utility addresses
- **using hundreds of parameterization groups**



# TECHNICAL DATA

|                     |  |   |
|---------------------|--|---|
| Power supply        | Voltage  | 230V +15% -22%  |
|                     | Frequency  | 50Hz +5% -10%   |
|                     | Power consumption                                      | < 2[W] / 5 [VA]   |
|                     | Transient voltage                                      | 6kV 1.2/50 $\mu$ s  |
|                     | Fuse   | A metal-film resistor operating as a fuse on any breakdown of the apparatus (fusible resistor)                                      |
| LW radio signal     | Reception frequency (optional)                         | 129.1 kHz (German) 135.6 kHz (Central Europe), 139.0 kHz (German)   |
|                     | Sensitivity  | < 57dB $\mu$ V/m  |
| Output data         | Number of relays                                       | from 1 to 3   |
|                     | Maximum voltage (switched)                             | < 400V, 50Hz  |
|                     | Maximum current (switched)                             | < 40A, $\cos\phi = 1$<br>< 25A, $\cos\phi = 1$  |
|                     | Size of wire that may be connected in a terminal block | From 1 to 10 mm <sup>2</sup> solid or from 0,5 to 6 mm <sup>2</sup> stranded wire (stick terminal is recommended for twisted wires) |
|                     | Loadability combination                                | Any combination permissible   |
| Internal clock      | Motion accuracy  | < 5mp/24h (with a quartz time base)   |
| Climatic protection | Operating temperature                                  | From -40 to +70°C   |
|                     | Storage temperature                                    | From -40 to +80°C   |
|                     | Degree of protection                                   | IP 51   |
|                     | Heat-up  | <20 K for 40°C ambient temperature  |
| Protocols           | Versacom   | DIN 43861-401   |
|                     | Typ B  | DIN 43861-402.  |

## Dimensions



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