

RRCR260

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 or expanding it (typically: for tariff and load control)
- for balancing groups with many settlement points (control of household solar cells, wind generators)

EXCEEDING FEATURES

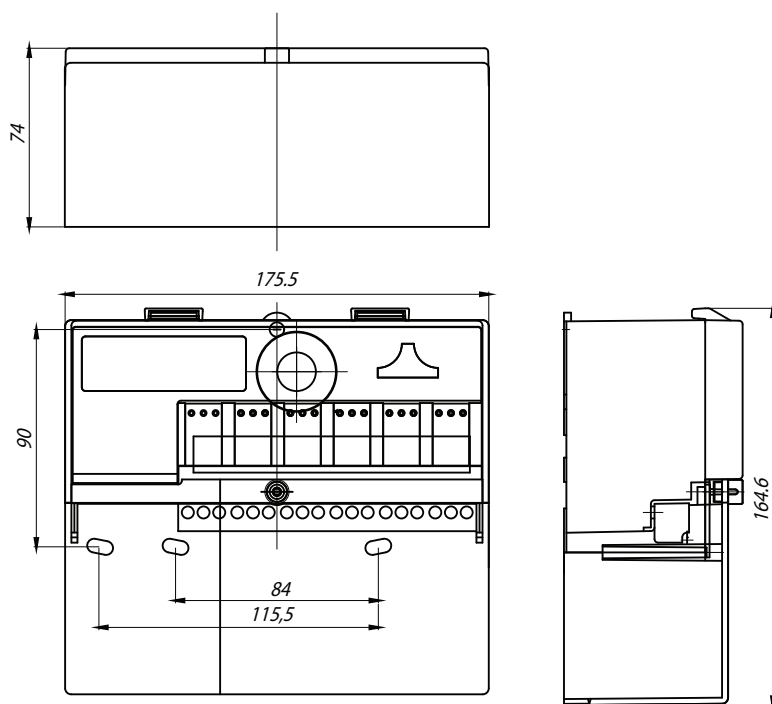
- grade control needs of household power units can covered by the six independent control channels
- **competitive price/value rate**
- monthly production capacity is more than 20.000 pcs
- excellent support group, outstanding engineer service
- advanced logistical support, delivery possible to the end-user households
- self-rotating antenna, hereby the receiving quality remains optimal
- 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 1.2/50µs
	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	< 57dBµV/m
Output data	Number of relays	from 1 to 6
	Maximum voltage (switched)	< 400V, 50Hz
	Maximum current (switched)	< 40A, $\cos\phi = 1$ < 25A, $\cos\phi = 1$
	Size of wire that may be connected in a terminal block	From 1 to 10 mm ² solid or from 0,5 to 6 mm ² 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 of the RRCR-260



Prolan Process Control Co.

H-2011 Budakalász, Szentendrei út 1-3.

Hungary

Phone: +36-20/954-3100

Fax: +36-26/540-420

email: info@prolan.hu

Web: www.prolan.hu