

G2 misuratori

water and heat meters



ELECTRONIC HEAT COST ALLOCATOR RSR

Heat cost allocator for thermal consumption metering on heating system.

-Approval HKVO, EN834- Norm DIN EN 834 (nov 1994) DIN EN 13757-4 UNI 10200

-heat allocator for central heating system

-model RST with display LCD (7-digit ½)

-preset for environmental temperature remote module

-to be used where it is not possible to use a metering system to correctly and fairly distribute heating costs of each individual flat.

-it can be paired with a thermostatic valve to maximise energy saving

-communications interfaces:

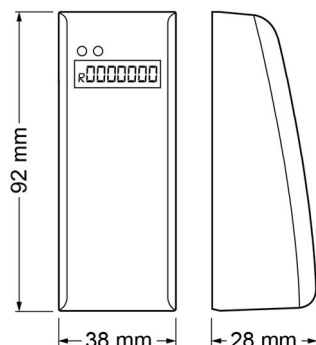
- wireless Mbus integrated interface in S1, C1, T1 (standard) mode, 868 Mhz frequency (DIN EN 13757-4), AES 128 encryption
- optical interface for data setting and reading via IP optical head and related software

-mechanical and electronic system against tampering and removing of heat allocator from DIN guide (to be highlighted during the data transmission or data reading through the optical interface)

– powered by a 11+1-year-long estimated life (according to working and environmental conditions)

– constant monitoring of: memory, battery, temperature sensor, software re-start

several installation kit available for different type of radiators (flat, special radiators, sectional radiators, tube radiators, aluminium type, etc,...) and existing convector heaters



Measurement principle	2 sensor (measuring unit to be set up) Mode with 2 or 1 sensor		
Range	Fixed or changeable (wide choice of correction values Kc available)		
Applications	2 sensor mode: from 35 °C to 95 °C (with remote sensor up to 105 °C) Modalità 1 sensore (in caso di manomissione/frode esterna): da 55 °C fino a 95 °C (con sensore remoto fino a 105 °C)		
Setting interface	Optical (M-Bus protocol) – optical USB head required		
Values displayed	Power consumption/reading data/reading data value		
Invoicing options	Yearly, variable (excepted 29.02) Monthly, variable (1 – 28)		
Memory of monthly data	132 monthly and fortnight values		
Summer months stop	To choose from May/June/ July/ Aug/ Sept		
Anti-fraud protection	Opening contact		
Telegrams	Short telegram in compliance with OMS (AMR) (Power consumption/reading data/reading data value/error code) Long telegram* – walk-by reading (default setting) (Power consumption/reading data/reading data value/error code)		
Transmission power (max.)	10 dBm		
Frequency	868 MHz		
Data encryption	AES 128		
Wireless M-Bus interface	Programmed and deactivated (upon installation, automatic activation)		
billing date	31st May		
Transmission	Interval	2 – 240 min.	(2 min.)*
	Hour/day	0:00 – 24:00	(7:00 – 19:00)*
	Day/Week	Mon. – Sun.	(Mon. – Fri.)*
	Week/Month	1 – 4	(1 – 4)*
	Month/Year	Jan. – Dec.	(Jan. – Dec.)*
Hardware reading system	Receiver USB Wireless M-Bus		
software reading system	Configuration: Wireless M-Bus 1.1 (for S.O. Windows)		

* factory setting

The company's policy is one of continuous product improvement and the right is reserved to modify the specifications herein contained without notice – 04/18

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