



Installation guide

MultiLog G3T



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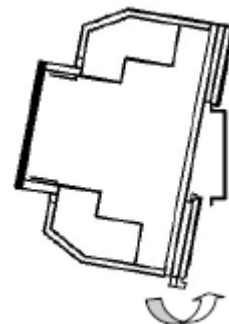
Specifications

Storage capacity:	15 000	Data values/input (storage of 10 months half hourly data)
Memory:	Flash	
Time base:	Minutes:	1-6, 10, 12, 15 and 30
	Hours:	1-4, 6 and 12
	Days:	1 and 7
	Months:	1
Communication:	Power Line(PLC):	A-band/C-band
	Serial:	RS232
Power Supply:	1 x 230VAC 50-60Hz (10mA Max) 12VDC (200mA Max)	
Inputs:	3 x S0-standard class-B meter input 1 x Temperature input	
Temperature sensor:	Temperature scope	-40 to +70°C
	Accuracy	±0,1 °C
	Dimensions WxHxD	5,7x20,3x3,5 mm
	Cable length	20 m
Clock:	Real time clock (RTC) Backup supplied by super capacitor up to 7 days	
Dimensions:	W x H x D mm	70 x 90 x 60

Mounting

The MultiLog G3T case is designed for DIN-rail mounting only.

To mount the MultiLog G3T correctly, place the Multi-Log G3T against the DIN-rail and snap it into position as shown in the figure.



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Indicators

The MultiLog G3T is equipped with several LED-indicators to simplify the installation control. The purpose of these LED's is:

- ✓ Power LED: Indicates that the device is powered up.
- ✓ Input LED: Each S0-standard input is equipped with individual LED, which indicates a detected pulse.
- ✓ PKD LED: Indicates that the device have detected a communication data package.
- ✓ BIU LED: Indicates that the communication band is in use when a data package has been transmitted.
- ✓ Service LED: Indicates different state or configuration mode generated by service PIN.

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Service PIN: Used for indication of status and configuration as follows:

- ✓ Short press: This will indicate on the service LED that the MultiLog G3T is powered and ready to be used. It will also broadcast its Neuron ID.
- ✓ Press and hold for 10 seconds (all input LED will light up), followed by three short press: This will force the device to erase all configuration data and information. The manufacturers default settings will be loaded.

In 1 ... In 3: Meter pulse inputs, either zero potential S0 pulse inputs (relay contact) or solid state/transistor S0 pulse inputs – these will be polarity sensitive.

PLC-L and PLC-N: Power line communication outputs. Please see below for proper installation/usage.

L1 and N: Main power supply connections. Please se below for correct installation/usage.

Caution! Disconnect all power sources from the instrument before pursuing.

Warnings

- ✓ Maximum 230VAC Nominal between PLC-N and PLC-L.
- ✓ The manufacturer will not be held responsible if the equipment is used in a manner not specified.
- ✓ A switch or circuit-breaker shall be included in the building installation.
 - ↳ It shall be in close proximity to the equipment and within easy reach of the OPERATOR.
 - ↳ It shall be marked as the disconnecting device for the equipment.

Single phase N, L1 (1× 230VAC):

