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Made in Czech Republic

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DCFR-1

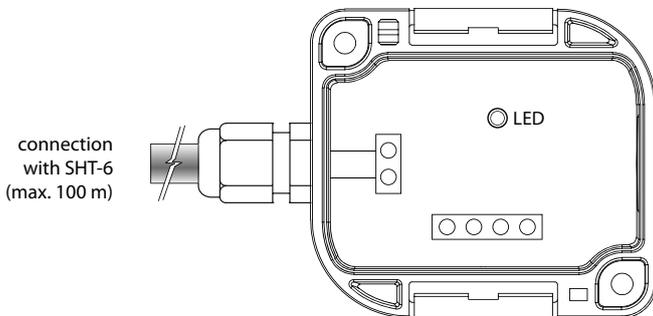
Receiver DCF 77



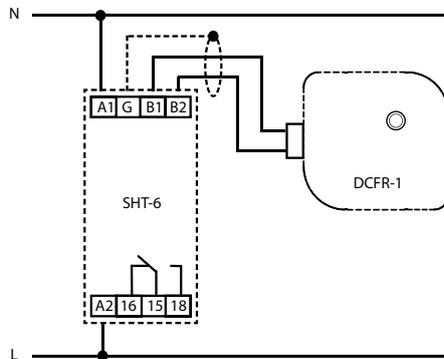
Characteristics

- universal DCF module, intended to control time switch SHT-6, or other devices
- suitable for outdoor use (IP65 protection)
- two wire connection - not depends on polarity!
- cable lengths of up to 100 meters
- optical indication of proper module function

Description



Connection with SHT-6



In case of using shielded cable it is necessary to connect the shield to terminal G.

Technical parameters

DCFR-1

Connection:	2 conductors
Max. conductor cross-section:	2.5 mm ²
Max. voltage on the wires:	10 V
Indicator functions:	red LED

Other information

Storage temperature:	-30.. +70 °C (-22.. 158 °F)
Protection degree:	IP65
Dimensions:	98 x 62 x 34 mm (3.85" x 2.44" x 1.34")
Weight:	110 g (3.88 oz)
Operating position:	perpendicular to the direction of reception
Service area:	about 1500 km from Frankfurt / Main

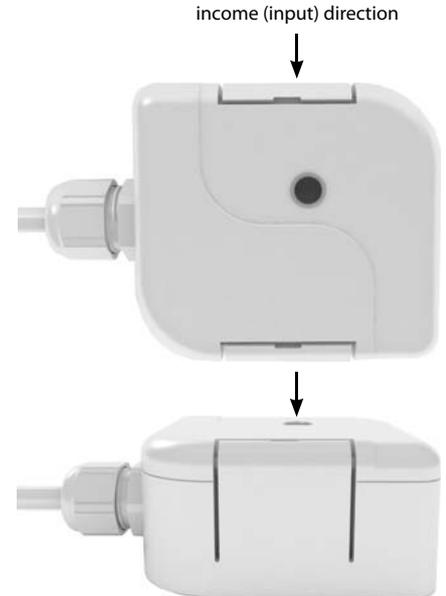
Installation

For mounting DCFR-1 is necessary to choose an appropriate place in the open air, best on the façade or under the roof, remember to maintain the right direction regardless of signal reception.

DCFR-1 needs to be installed as far as possible from the following devices (at least 3 m):

- metal construction
- electrical switchboards
- TV receivers, monitors, laptops
- radio broadcasting and other similar devices

WARNING: DCFR-1 is electrically connected to the power supply circuits SHT-6 - it is necessary to provide adequate insulation coverage when installing the service cable.



Function

DCFR-1 is designed to receive and decode the signal DCF-77. The correct operation is indicated by the red LED flashing at interval 1s.

Warning

Installation and connection should only be carried out by a qualified installer or electrician, who is thoroughly familiar with these instructions and functions of device. Before starting the installation, please make sure that the device is de-energized and the main switch is in the off position. For installation and setting use screw-driver cca 2 mm. The device is fully-electronic - installation should be carried out according to this fact. Non-problematic function depends also on the way of transportation, storing and handling. In case of any signs of destruction, deformation, non-function or missing part, don't install and claim at your seller it is possible to dismount the device after its lifetime, recycle, or store in protective dump.