

## Remote control of the inverter



The device is designed as remote control of inverter PVIPS8-24 series. After connecting the remote control it is possible to turn on the inverter automatically by switching the ignition key to the position ACC.

### 1. Features

- Remote control ON/OFF
- Displaying **Ignition lockout** and **R.O.F.**

### 2. Specification:

- Input Voltage Range: 10.5V ~ 60V DC depends on inverter model
- Operating Temperature Range: 0°C ~ +40°C
- Storage Temperature Range: -30°C ~ +70°C
- Stand-By Current Draw (Stand-by mode): <40mA

### 3. Remote control CR-8

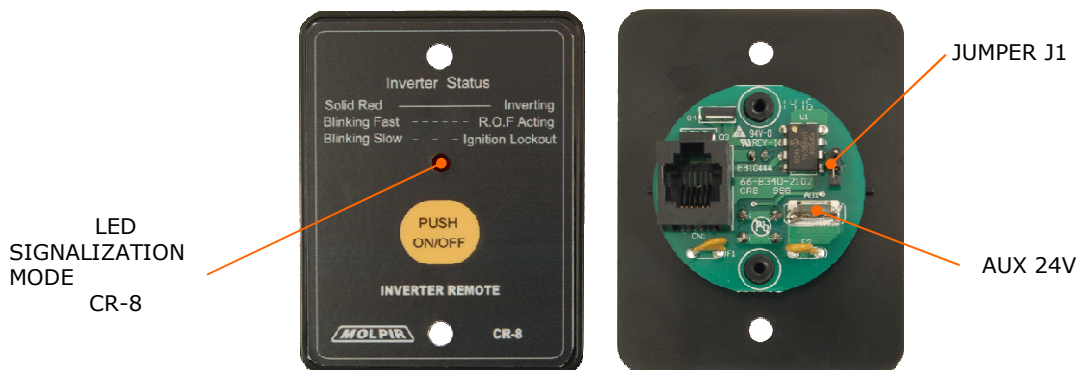


figure N.1



- ❁ Signalization of the inverter status on the remote control panel
  - Inverter turned on – red LED is on
  - Function „Return Override“ is turned on – red LED is quickly flashing
  - Function „Ignition Lockout“ is turned on – red LED is slowly flashing
- ❁ Jumper JP1, placed on the rear side of the remote control (under plastic cover) determines the mode of the remote control that means :  
**R.O.F or Ignition Lockout.**
  - Jumper JP1 „open“ – **function „R.O.F.“**
  - Jumper JP1 „closed“ – **function „Ignition Lockout“**Please note that the default mode is „OPEN“.
- ❁ When the Jumper J1 is set to the position „open“ and the voltage +24V is led to AUX connector of the remote control, then the inverter will turn on. In the moment of voltage interruption, the inverter will turn off.
- ❁ In case of turning on the inverter by remote control by ON/OFF switch, connection +24V voltage on connector AUX has no effect on the operation of the inverter. In this case it is necessary to turn off/ turn on the inverter with the remote control.
- ❁ When the Jumper J1 is in position „closed“ and we manually turn on the inverter with remote control, then after connecting the voltage +24V to the connector AUX of the remote control will inverter turn off. In the moment of disconnecting +24V voltage from connector AUX the inverter will automatically turn on. It can be turned off only manually and only with remote control switch OPN/OFF.
- ❁ Power cabling +24V on AUX connector on the remote control have to be appropriately sized and have to be equipped with the fuse 0,5A.



## 4. Installation procedure

1. For fastening the remote control are designed two holes with  $\varnothing 5\text{mm}$ , spacing 56mm – according figure N.2.
2. Put connectors of the connecting cabling into their counterparts (supplied with the inverter – figure N.4) between the remote control and inverter until you hear „click”.
3. Turn the main switch on the inverter (figure N.3, position 4 into the position „II”.

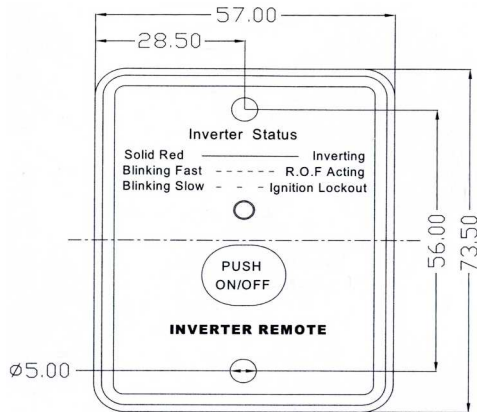


Figure N.2

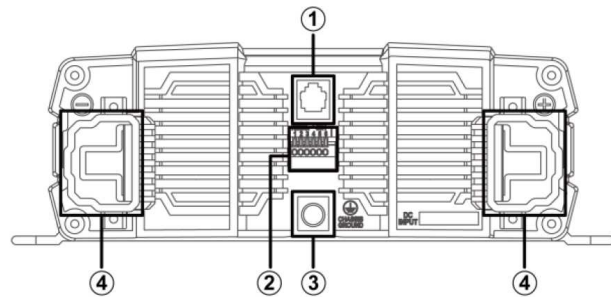


Figure N.3

## 5. Drawing of CR-8 Remote Control Cables

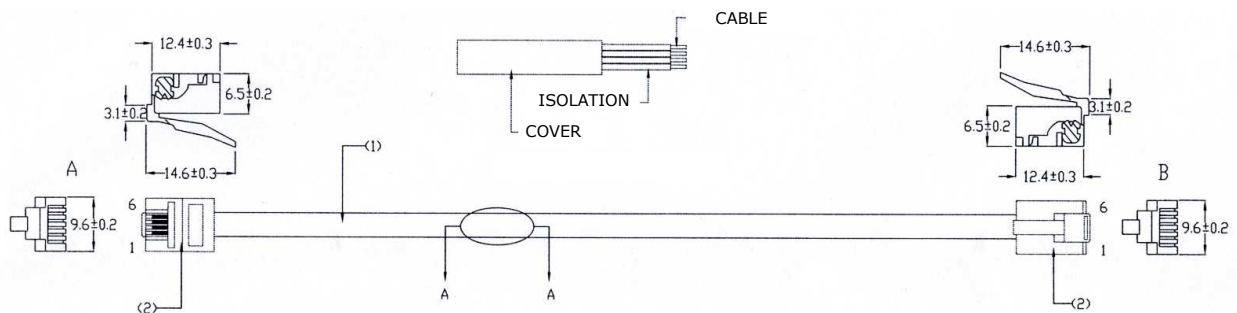


Figure N.4 – Cable structure

A	COLOR	B
6	NC	6
5	YELLOW	5
4	GREEN	4
3	RED	3
2	BLACK	2
1	NC	1



**WARNING !**  
**DO NOT use standard telephone cable !**

