



Ord.number: CR-8

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

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- 6 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</p>

3. Remote control CR-8





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- 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.



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4. Installation procedure

- 1. For fastening the remote control are designed two holes with Ø5mm, spacing 56mm according figure N.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".



5. Drawing of CR-8 Remote Control Cables

