



Project: _____

Date: _____

Room: _____

Bright by nature



IFL-10-R



IFL-10-R-i

The IFL-10-R is a galvanic separated signal converter, 0-10V in/out used to control frequency convertors or HF strip-light equipments.

Pot-meter PCB IFL-10-R-i



Remark:

The pot-meter PCB is NOT delivered with the IFL-10-R-i and must be ordered separately.

Technical specifications

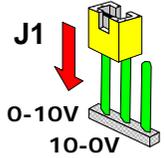
Supply voltage	:	230Vac 50/60Hz
Power consumption (maximum)	:	7VA
Max load 0-10V output:	Frequency-convertor	: 20mA (source)
	HF strip light	: 200mA (sink)
Max load relays output	:	230Vac 2A
Dimension IFL-10-R (including mounting bracket)	:	hxdxw 215x225x120mm
Dimension IFL-10-R-i (including mounting bracket)	:	hxdxw 126x182x62mm
IP-class IFL-10-R	:	IP-54
IP-class IFL-10-R-i	:	IP-00
Operation temperature	:	-5°C up to +40°C

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Connection diagram IFL-10-R (i)

The 0-10 Volt input signal is galvanic separated from the 0-10 Volt output signal

The light intensity of **L2** follows the signal intensity of the input voltage.



Put jumper **J1** in position '0-10V' if the input voltage is a 0-10V signal.
Put jumper **J1** in position '10-0V' if the input voltage is a 10-0V signal.

L1 blinks when the program runs.

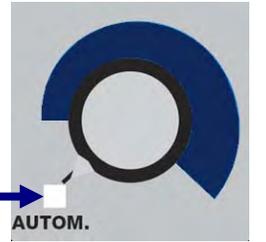


REMOVE WIRE BRIDGE between terminal 3 and 4 **BEFOR** INSTALLING THE IFL-10-R-i Pot-meter PCB

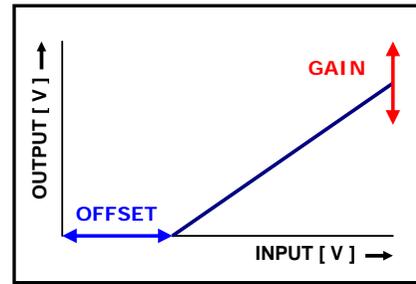
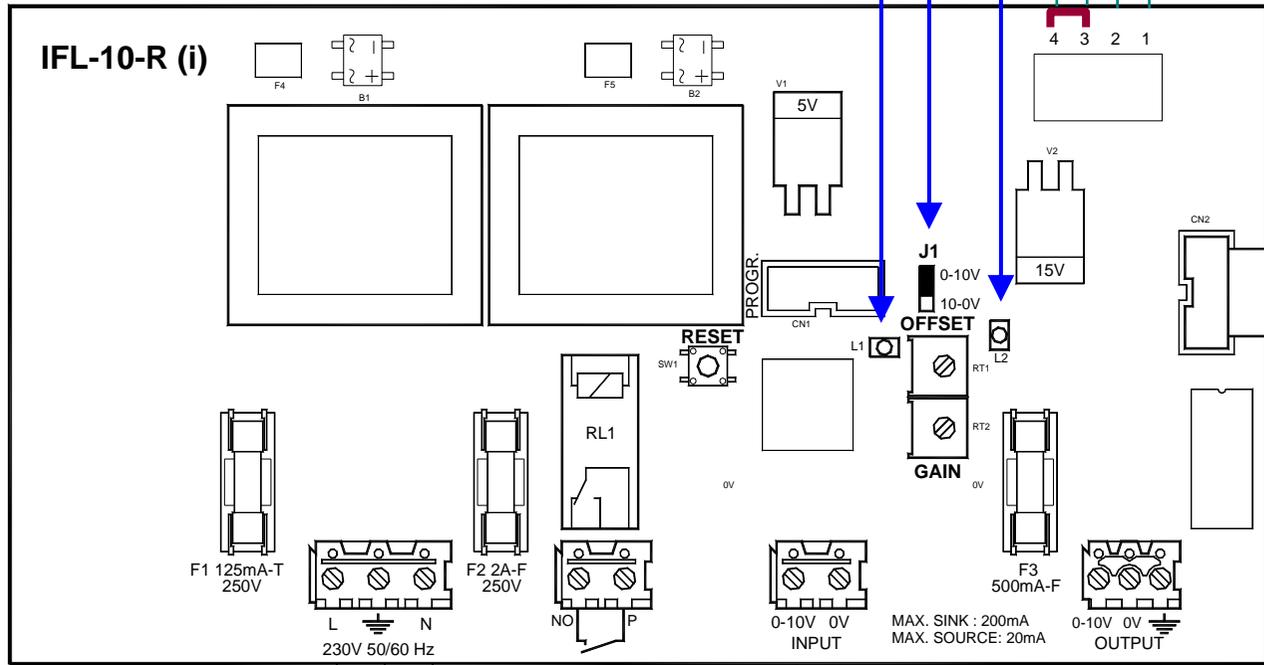
LED ON FRONT

LED	STATE
ON	AUTOM.
BLINKING	RELAY OFF
OFF	RELAY ON + MANUAL CONTROL

Pot-meter PCB IFL-10-R-i

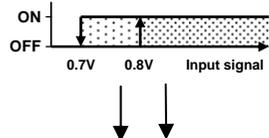


Pot-meter PCB IFL-10-R



MAXIMUM LOAD OUTPUT SIGNAL	
Frequency-converter	: 20mA (source)
HF strip light	: 200mA (sink)

Supply voltage
230Vac 50/60Hz



Relay
ON/OFF

Input signal from
(climate-) control

Output signal to frequency
or light controller