New Anemometer/Sun Sensor



Wind speed sensor for SEAV sun shades electronic control units.

TECHNICAL DATA

-	Contact anemometer:	200 mA 100VDC
-	Sensitivity anemometer (pulse):	Once per revolution
-	Sun sensor power supply:	12 ÷ 24 VAC-VDC
-	Contact sun sensor:	1 A 30VDC
-	Sun sensor sensitivity (range):	5 ÷ 40 Klux
-	Connection cable length:	(AWG 12-26) 4 m. Max.
-	Operating temperature:	-10÷60℃
-	Packaging dimensions:	240x185x110 mm.
-	Container:	PC UL94V-0 (IP54)

(no).

CONNECTION OF TERMINAL BOARD

- 1: Clean contact anemometer
- 2: Clean contact anemometer (no).
- 3: Sun sensor power supply 0 VAC-DC
- 4: Sun sensor power supply 12 ÷ 24 VAC-DC
- 5: Clean contact sun sensor (no).
- 6: Clean contact sun sensor (no).



OPERATION

The anemometer closes the NO contact (WW) at each rotation.

The sun sensor closes the NO contact (SS) whenever the sun light intensity exceeds the value set by means of the VR1 triemmer (the SUN LED comes on).

TERMINAL BOARD CONNECTION WITH CONTROL UNIT LRX 2214.

- 1: Clean contact anemometer (no)
- 2: Clean contact anemometer (no)
- 3: Sun sensor power supply 0VAC-DC
- 4: Sun sensor power supply 12 ÷24VAC-DC
- 5: Clean contact sun sensor (no)
- 6: Clean contact sun sensor (no)

CN2 Terminal no. 5 CN2 Terminal no. 4 CN2 Terminal no. 4 CN2 Terminal no. 1 CN2 Terminal no. 2 CN2 Terminal no. 4

TERMINAL BOARD CONNECTION WITH CONTROL UNIT LRX 2218 / LG2218.

- 1: Clean contact anemometer (no)
- 2: Clean contact anemometer (no)
- 3: Sun sensor power supply 0VAC-DC
- 4: Sun sensor power supply 12 ÷24VAC-DC
- 5: Clean contact sun sensor (no)
- 6: Clean contact sun sensor (no)

CN3 Terminal no. 6 CN3 Terminal no. 3 CN3 Terminal no. 3 CN3 Terminal no. 1 CN3 Terminal no. 2 CN3 Terminal no. 3 EXPLODED VIEW OF MECHANICAL ASSEMBLY:



INSTALLATION OF CONNECTION CABLE:



ANEMOMETER HORIZONTAL INSTALLATION:



ANEMOMETER VERTICAL INSTALLATION:



FOR THE INSTALLER - IMPORTANT

- Fasten the connection cables using the cable clamp supplied with the product kit.
- Handle the anemometer with care during the assembly phase and make sure that all components were properly assembled.

- The product location should be accurately selected so that the sun shade and the anemometer are exposed to the same wind conditions.

- All operations requiring the opening of the casing (such as installation, programming and repair, etc.) must be carried out by skilled staff only.

the product **New Anemometer/Sun Sensor** complies with the fundamental requirements of Directive EMC 2004/108/EC.

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