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- Static LCD display
- 6 capacitive touch keys
- CAN communication port
- Built-in alarm buzzer
- Built-in temperature and humidity sensors





USE Device for indoor applications



IMPORTANT

Read this document thoroughly before installation and before use of the device and follow all recommendations; keep this document with the device for future consultation. Only use the device in the way described in this document; do not use the same as a safety device



CONSIDER THE ENVIRONMENT

Please read careffully and save this document



DISPOSAL

The device must be disposed of in compliance with local standards regarding the collection of electric and electronic equipment



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Introduction

The **EPJ LCD** remote user interfaces can be used as remote displays with a wide range of EVCO controllers for HVAC applications and with all programmable controllers in the **c-pro 3 range**, thanks to the **UNI-PRO 3** development environment.

A number of different features are installed:

- 1 or 2 analogue/digital inputs
- 2 digital outputs
- a built-in temperature and humidity sensor

Being equipped with a CAN port, they can be connected to more than one unit in a network of devices.

With their clean modern lines, LCD graphic display, function icons and 6 capacitive keys, these interfaces blend perfectly with any type of environment also given their wall mounting and the option of their own or controller power feed.

The version housed in a standard built-in box enables it to be powered directly from the mains (115...230 VAC) with no need for transformers.





Purchasing codes

The following table shows the available EPJ LCD models and the relative purchasing codes

Pastana	Models			
Features	EPJD900N3VW	EPJD920N3VW	EPJD902N9VP	EPJD922N9VP
Power supply				
12-24 VAC/DC	•	•		
115 230 VAC			•	•
Analog/digital inputs				
NTC/DI	1	1	2	2
Digital outputs (electromechanical relays)				
Relay 1			1 A	1 A
Relay 2			1 A	1 A
User interface				
Static LCD display	•	•	•	•
Installation mode				
Wall mounted	•	•		
Wall mounted with rear housing into standard electrical boxes			•	•
Connections				
Fixed screw terminal blocks	•	•	•	•
Communication ports				
CAN	1	1	1	1
Other Features				
Alarm and signalling buzzer	•	•	•	•
Built-in temperature and humidity sensor		•		•

For further informations look at chapter "Technical data"

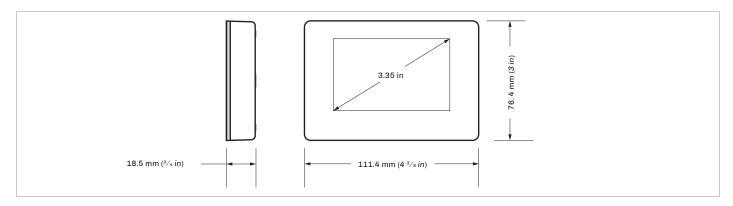
Purchasing codes description

Features	Codes
12-24 VAC/DC - Static LCD display - Wall mounting - NTC/DI - CAN - Alarm and signalling buzzer	EPJD900N3VW
12-24 VAC/DC - Static LCD display - Wall mounting - NTC/DI - CAN - Alarm and signalling buzzer - Built-in temperature and humidity sensor	EPJD920N3VW
115 230 VAC - Static LCD display - Wall mounted - 2 NTC/DI - 2 relais - CAN - Alarm and signalling buzzer	EPJD902N9VP
115 230 VAC - Static LCD display - Wall mounted - 2 NTC/DI - 2 relais - CAN - Alarm and signalling buzzer - Built-in temperature and humidity sensor	EPJD922N9VP

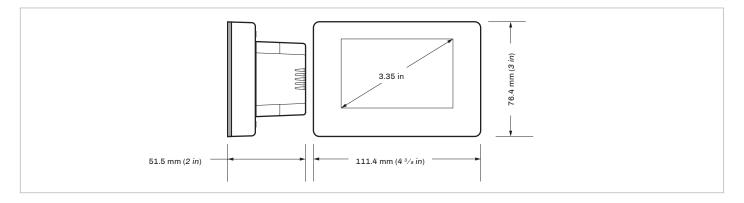


Dimensions

12-24 VAC/DC models for wall mounting



115... 230 VAC models for wall mounting







Installation

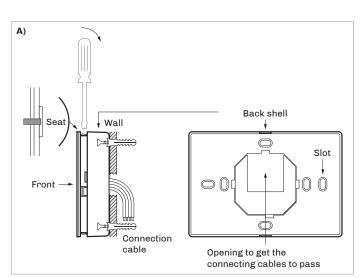
12-24 VAC/DC models for wall mounting

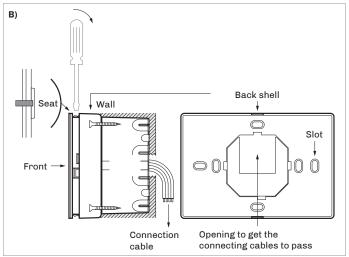
A) Wall mounting

- Unhook the back shell from the front through a screwdriver in the proper seat
- Lean the back shell against the wall in a position suitable to get the connecting cable to pass through the proper opening
- Use the slots of the back shell as template to drill 4 holes having a diameter suitable to the bolt 5.0 mm (³/₁₆ in) diameter bolts are suggested
- 4. Insert the bolts in the holes drilled in the wall
- 5. Fasten the back shell at the wall with 4 screws Countersunk head screws are suggested
- 6. Make the electrical connection without powering up the device
- 7. Fasten the front of the device at the back shell

B) Flush mounting box

- 1. Unhook the back shell from the front through a screwdriver and the proper seat
- 2. Fasten the back shell at the box with 4 screws Countersunk head screws are suggested
- 3. Make the electrical connection without powering up the device
- 4. Fasten the front of the device at the back shell



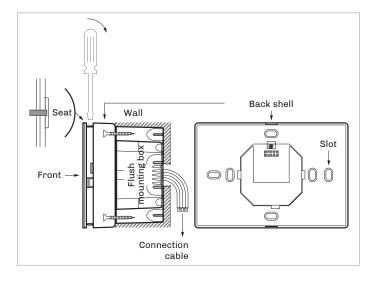




115... 230 VAC models for wall mounting

Mounted onto in-wall electrical box with rear housing of back power module

- 1. Unhook the back shell from the front through a screwdriver and the proper seat.
- 2. Fasten the back shell at the box with 4 screws. Countersunk head screws are suggested.
- 3. Make the electrical connection without powering up the device
- 4. Fasten the front of the device at the back shell





WARNINGS FOR INSTALLATION

Ensure that the working conditions are within the limits
 Do not install the device close to heat sources, equipment

- Do not install the device close to heat sources, equipment with a strong magnetic field, in places subject to direct
- sunlight, rain, damp, excessive dust, mechanical vibrations or shocks
 In compliance with safety regulations, the device must be installed properly to ensure adequate protection from contact with electrical parts. All protective parts must be fixed in such a way as to need the aid of a tool to remove them



Electrical connections



WARNINGS FOR ELECTRICAL CONNECTIONS

- Use cables of an adequate section for the current running through them
- To reduce any electromagnetic interference connect the power cables as far away as possible from the signal cables and connect to a CAN and RS-485 MODBUS networks by using a twisted pair

12-24 VAC/DC models for wall mounting

Connectors and parts

Connector 1

Number	Description
1	CAN port reference -
2	CAN port reference +
3	Device power supply (12-24 VAC/DC). If the device is fed by DC power, connect terminal minus
4	Device power supply (12-24 VAC/DC). If the device is fed by DC power, connect terminal plus
5	Analog/digital input AI4 (NTC/DI)
6	Reference analog/digital input AI4 (GND)
0	

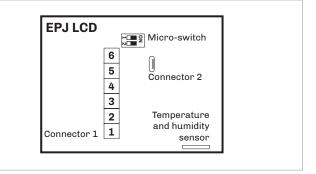
Connector 2

Number	Description
	EVCO reserved
Micro-switch	

When o-Switch

Number	Description	
2	To terminate the CAN network	
1	EVCO reserved	
Temperature (AI3) and humidity (AI5) sensor		

Number Description According to the model According to the model



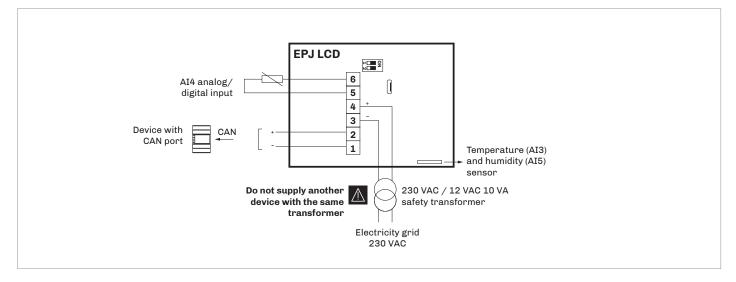


WARNINGS FOR ELECTRICAL CONNECTIONS

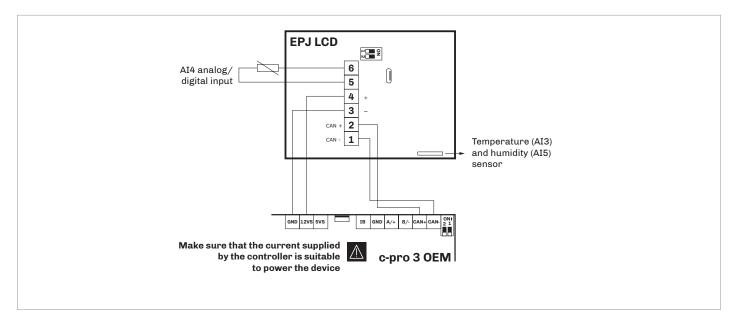
- If using an electrical or pneumatic screwdriver, adjust the tightening torque
- If the device has been moved from a cold to a warm place, the humidity may have caused condensation to form inside. Wait about an hour before switching on the power
- Make sure that the supply voltage, electrical frequency and power are within the set limits
- Disconnect the power supply before doing any type of maintenance
- Do not use the device as safety device
- For repairs and for further informations, contact the EVCO sales network; possible returns without label data will not be accepted



Electrical connection with independent power supply



Electrical connection with device powered by a controller *Example*: *c-pro 3 OEM*



Termination of the CAN network

To terminate the CAN network:

- Place micro-switch 2 in position ON
- Let the micro-switch 1 in position OFF (EVCO reserved)

The micro-switch is on the back of the device (remove the back shell from the front before)





115... 230 VAC models for wall mounting

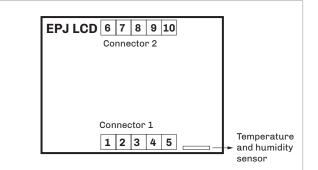
Connectors and parts

Connector 1

Number	Description
1	Device power supply (115 230 VAC)
2	Device power supply (115 230 VAC)
3	DO2 digital output normally open contact (1 A res. at 250 VAC)
4	DO1 digital output normally open contact (1 A res. at 250 VAC)
5	DO1 and DO2 digital outputs common contact (max. 2 A)
Connector 2	
Number	Description

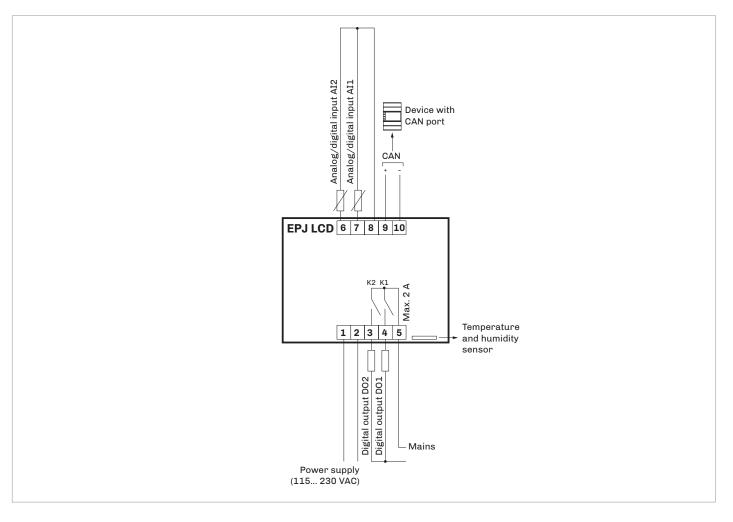
Number	Description	
6	Analog/digital input AI2 (NTC/DI)	
7	Analog/digital input AI1 (NTC/DI)	
8	Reference analog/digital inputs AI1 and AI2 (GND)	
9	CAN port reference +	
10	CAN port reference -	
Temperature (AI3) and humidity (AI5) sensor		
Number	Description	

According to the model





Electrical connection with independent power supply





User interface

Key description

Key		Instructions
Û		ON/STAND-BY
<	>	LEFT AND RIGHT
\wedge	\vee	UP AND DOWN
SET		SET
Switching ON/OFF the device		
Duarancian Decemintion		

Progression	Description
1	Connect the power supply: it will be started an internal test that takes typically a few seconds
2	Touch DOWN key for 7 seconds: the display will show "CAn" and "StAt"
3	To switch OFF the device switch OFF the power supply

$(1) | < | \land | \lor | > | SET$

Accessing the procedure

Key		Instructions
\bigvee		Touch DOWN key for 7 seconds: the display will show "CAn" and "StAt"
Û		Touch ON/STAND-BY key few times to return to the previous displays
Showing the CAN address of the device		
Key		Instructions

V the display will show "Loc" and "(0... 127)"

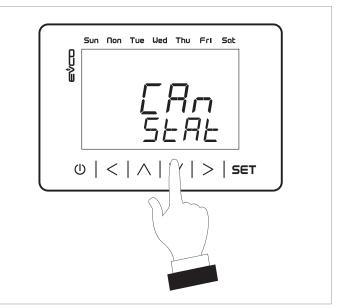
Touch **DOWN** key:

Showing the device status

Showing the device status	
Кеу	Instructions
\lor	Touch DOWN key: the display will show " <i>Loc</i> " and "(<i>OK Err</i>)"
Setting the	e CAN address of a device in the network
Кеу	Instructions
$ \land \land$	Touch UP or DOWN keys to select a node: the display will show "Node (n1 n32)" "CAN address of the device (1 127)"
SET	Touch SET key: the display will show "Node (<i>n1 n32</i>)" "Flashing CAN address of the device (1 127)"
$[\land] \setminus$	Touch UP or DOWN keys to set-up the value
SET	Touch SET key

Showing the status of a device in the network

Кеу		Instructions
\wedge	\vee	Touch UP or DOWN keys to select a node: the display will show "Node (<i>n1 n32</i>)" "device status (<i>OK Err</i>)"







Settings menu

Sensitive areas description and parameters settings



WARNINGS Turn off the power after changing the configuration

Keys

"PAr" menu

FAI	menu	
Keys		Instructions
$ \setminus $		Touch DOWN key for 7 seconds:
•		the display will show "CAn" and "StAt"
$ \setminus / $		Touch DOWN key:
		the display will show " <i>Loc</i> " and "1"
$ \setminus $		Touch DOWN key:
		the display will show " <i>Loc</i> " and " <i>OK</i> "
SET		Touch SET key:
ושכ		the display will show "EPJd"
\mathbf{X}		Touch DOWN key:
		the display will show "Mnu" and "PAr"
		Toccare il tasto SET :
SET		the display will show "PU6" - Password
SET		Touch SET key:
		the display will show "0"
$ \wedge $	\vee	Touch UP or DOWN keys to set-up the password *-19*
ССТ		Touch SET key:
SET		the display will show "PAr" and "tAb"
	\mathbf{X}	
$ / \rangle $	\mathbf{V}	Touch UP or DOWN keys to see the parameters
\mathbf{X}		
		Touch DOWN key to access the value
CCT		
SET		Touch SET key
	\mathbf{X}	
$ / \rangle $	V	Touch UP or DOWN keys to set-up the value
ССТ		
SET		Touch SET key to confirm the value
		Touch ON/STAND-BY key few times to return to the
		previous displays

Parameters settings

"PAr" menu

	PAr menu				
Ν.	Param.	Def.	"PAr" menu	Min/max	
1	BkI VAI	15	Backlight intensity	0 100 fixed value 15 in the models with incorporated temperature and humidity sensor	
2	Bkl timE	30	Backlight timeout	0 255 s fixed value 30 in the models with incorporated temperature and humidity sensor	
3	bKl Mode	tiME	Backlight mode	off=off on=on (not used in the models with incorporated temperature and humidity sensor) tiME=con bKt	
4	BLE Acti	-	Reserved	-	
5	IO tOut	60	Remote I/O disable delay from lack of CAN communication	0 100 s	
6	BuZ KEY	nO	Enable buzzer touching the keys	nO YES	
7	PSV tOut	240	Password timeout	10 240 s	
8	tOu rEFr	0	Pages refresh timeout	0 100 s	
9	PPd tX1	YES	Enable compatibility with c-pro series	nO YES	
10	Frc	nO	System forced to CAN communi-cation	nO= (all) neW= (new system) Old=(old system)	

"nEt > CAN" menu

Keys		Instructions
\lor		Touch DOWN key for 7 seconds: the display will show "CAn" and "StAt"
\lor		Touch DOWN key: the display will show " <i>Loc</i> " and "1"
\lor		Touch DOWN key: the display will show " <i>Loc</i> " and " <i>OK</i> "
SET		Touch SET key: the display will show " <i>EPJd</i> "
\lor		Touch DOWN key twice: the display will show "Mnu" and "nEt"
SET		Touch SET key: the display will show " <i>nEt</i> " and " <i>CAn</i> "
SET		Touch SET key: the display will show "CAn" and "nEt"
\wedge	\bigvee	Touch UP or DOWN keys to see the parameters
SET		Touch SET key
\land	$\mathbf{\vee}$	Touch UP or DOWN keys to set-up the value
SET		Touch SET key to confirm the value
Û		Touch ON/STAND-BY key few times to return to the previous displays

"nEt > CAN" menu

N.	Param.	Def.	"nEt > CAN" menu	Min/max
11	nod	98	CAN address	1 127
12	MSt	YES	Enable operation as master	nO YES
13	BAu	Auto	CAN baud rate	20K 50K 125K 500K Auto
14	tOu	60	Exclusion of a CAN network device delayed from lack of communication	0 240 s
15	ntn	1	Logic node	1 32
16	nnd	1	Physical node linked to the logic node	0 127
17	MorE	-	Reserved	-

"morE" submenu

THOPE	- 0001	
Keys		Instructions
\bigvee		Touch DOWN key for 7 seconds: the display will show " <i>CAn</i> " and " <i>StAt</i> "
\bigvee		Touch DOWN key: the display will show " <i>Loc</i> " and "1"
\bigvee		Touch DOWN key: the display will show " <i>Loc</i> " and " <i>OK</i> "
SET		Touch SET key: the display will show " <i>EPJd</i> "
\bigvee		Touch DOWN key twice: the display will show " <i>Mnu</i> " and " <i>nEt</i> "
SET		Touch SET key: the display will show " <i>nEt</i> " and " <i>CAn</i> "
SET		Touch SET key: the display will show " <i>CAn</i> " and " <i>nEt</i> "
\wedge	\bigvee	Touch UP or DOWN keys to select the last parameter " <i>MoreE</i> "
SET		Touch SET key
\wedge	\bigvee	Touch UP or DOWN keys to see the parameters
SET		Touch SET key
\wedge	\bigvee	Touch UP or DOWN keys to set-up the value
SET		Touch SET key to confirm the value
(\mathbf{I})		Touch ON/STAND-BY key few times to return to the previous displays

"morE" submenu

N.	Param.	Def.	"morE" submenu	Min/max
18	nrH	-	Number of received packages	0 9999
19	ntH	-	Number of transmitted packages	0 9999
20	nOu	-	Number of intercepted overflow	0 9999
21	Npa	-	Number of intercepted passive	0 9999
22	bOF	-	Number of intercepted bus off	0 9999
23	rOY	-	Number receipts ok	0 9999
24	tOY	-	Number of transmissions ok	0 9999
25	tEr	-	Number of transmissions in error	0 9999
26	rEr	-	Number of receipts in error	0 9999
27	StF	-	Number stuff errors	0 9999
28	Frm	-	Number form errors	0 9999
29	AcK	-	Number ack errors	0 9999
30	Bt1	-	Number bit1 errors	0 9999
31	Bt0	-	Number bit0 errors	0 9999
32	CrC	-	Number CRC errors	0 9999
33	Mor Bt in	-	Reserved	-

"bit timing" submenu

Keys		Instructions
\lor		Touch DOWN key for 7 seconds: the display will show "CAn" and "StAt"
\lor		Touch DOWN key: the display will show " <i>Loc</i> " and "1"
\vee		Touch DOWN key: the display will show " <i>Loc</i> " and " <i>OK</i> "
SET		Touch SET key: the display will show " <i>EPJd</i> "
\vee		Touch DOWN key twice: the display will show "Mnu" and "nEt"
SET		Touch SET key: the display will show " <i>nEt</i> " and " <i>CAn</i> "
SET		Touch SET key: the display will show " <i>CAn</i> " and " <i>nEt</i> "
\wedge	\bigvee	Touch UP or DOWN keys to select the last parameter " <i>MoreE</i> "
SET		Touch SET key
\wedge	\bigvee	Touch UP or DOWN keys to select the parameter "More" e "Bt in"
SET		Touch SET key: the display will show " <i>Bit</i> " and " <i>tin</i> "
\wedge	\bigvee	Touch UP or DOWN keys to see the parameters
Û		Touch ON/STAND-BY key few times to return to the previous displays

"bit timing" submenu

Ν.	Param.	Def.	"bit timing" submenu	Min/max
34	BrP	-	Reserved	-
35	SJW	-	Reserved	-
36	tS1	-	Reserved	-
37	tS2	-	Reserved	-

"nEt > BLE" menu

Keys	Instructions			
\bigvee	Touch DOWN key for 7 seconds: the display will show "CAn" and "StAt"			
$\mathbf{\vee}$	Touch DOWN key: the display will show " <i>Loc</i> " and "1"			
$\mathbf{\vee}$	Touch DOWN key: the display will show " <i>Loc</i> " and " <i>OK</i> "			
SET	Touch SET key: the display will show " <i>EPJd</i> "			
$\mathbf{\vee}$	Touch DOWN key twice: the display will show " <i>Mnu</i> " and " <i>nEt</i> "			
SET	Touch SET key: the display will show " <i>nEt</i> " and "CAn"			
\bigvee	Touch DOWN key: the display will show " <i>nEt</i> " and " <i>BLE</i> "			
SET	Touch SET key: the display will show " <i>BLE</i> " and " <i>nEt</i> "			
$\land \lor$	Touch UP or DOWN keys to see the parameters			
U	Touch ON/STAND-BY key few times to return to the previous displays			

"nEt > BLE" menu

N.	Param.	Def.	"nEt > BLE" menu	Min/max
38	BAu	-	Reserved	-
39	StB	-	Reserved	-
40	Pty	-	Reserved	-
41	nrH	-	Reserved	-
42	ntH	-	Reserved	-
43	nEr	-	Reserved	-



"diAG" menu

Keys		Instructions
\lor		Touch DOWN key for 7 seconds: the display will show "CAn" and "StAt"
\vee		Touch DOWN key: the display will show " <i>Loc</i> " and "1"
\vee		Touch DOWN key: the display will show " <i>Loc</i> " and " <i>OK</i> "
SET		Touch SET key: the display will show " <i>EPJd</i> "
\vee		Touch DOWN key three times: the display will show " <i>Mnu</i> " and " <i>diAg</i> "
SET		Touch SET key: the display will show " <i>diA</i> "
\land	\lor	Touch UP or DOWN keys to see the parameters
Û		Touch ON/STAND-BY key few times to return to the previous displays

"InFo" menu

Keys		Instructions
\vee		Touch DOWN key for 7 seconds: the display will show "CAn" and "StAt"
$ \vee $		Touch DOWN key: the display will show " <i>Loc</i> " and "1"
$ \vee $		Touch DOWN key: the display will show " <i>Loc</i> " and " <i>OK</i> "
SET		Touch SET key: the display will show " <i>EPJd</i> "
$ \vee $		Touch DOWN key for times: the display will show "Mnu" and "InFo"
SET		Touch SET key: the display will show "InFo" and "EPJd"
$ \wedge $	\bigvee	Touch UP or DOWN keys to see the parameters
Û		Touch ON/STAND-BY key few times to return to the previous displays

"diAG" menu

N.	Param.	Def.	"diAG" menu	Min/max
44	E2		EEPROM memory status	OK Err

"InFo" menu

N.	Param.	Def.	"InFo" menu	Min/max
45	VEr	-	Firmware version	-
46	rEv	-	Firmware revision	-
47	Sub	-	Firmware subversion	-
48	FVv	-	Firmware version	-
49	FVr	-	Firmware revision	-
50	PrJ	-	Project number	-
51	VAr	-	Project variation	-



"IO dbg" menu

Keys		Instructions
\vee		Touch DOWN key for 7 seconds: the display will show " <i>CAn</i> " and " <i>StAt</i> "
\vee		Touch DOWN key: the display will show " <i>Loc</i> " and "1"
\lor		Touch DOWN key: the display will show " <i>Loc</i> " and " <i>OK</i> "
SET		Touch SET key: the display will show " <i>EPJd</i> "
\lor		Touch DOWN key for five times: the display will show "Mnu" and "10"
SET		Touch SET key: the display will show "10" and " <i>dbg</i> "
\wedge	\bigvee	Touch UP or DOWN keys to see the parameters
SET		Touch SET key
\land	\bigvee	Touch UP or DOWN keys to set-up the value
SET		Touch SET key to confirm the value
Û		Touch ON/STAND-BY key few times to return to the previous displays

"IO dbg" menu

N.	Param.	Def.	"IO dbg" menu	Min/max
52	AI1	-	AI1 analog input reading	-
53	AI2	-	AI2 analog input reading	-
54	AI3	-	Incorporated sensor temperature reading (AI3)	-
55	AI4	-	AI4 analog input reading	
56	AI5	-	Incorporated sensor humidity reading (AI5)	-
57	d01	-	DO1 digital output status	On OFF
58	d02	-	DO2 digital output status	On OFF

"CnF EPJd" menu

N.	Param.	Def.	"CnF EPJd" menu	Min/max
59	Con nonE	-	Reserved	-
60	iPb	-	Incorporated sensor	t rH=temperature and humidity none=no sensor
61	EHt	-	Back-slot for flush mounting box	On OFF

"CnF EPJd" menu

Keys		Instructions		
$ \vee $		Touch DOWN key for 7 seconds: the display will show "CAn" and "StAt"		
\vee		Touch DOWN key: the display will show " <i>Loc</i> " and "1"		
\vee		Touch DOWN key: the display will show " <i>Loc</i> " and " <i>OK</i> "		
SET		Touch SET key: the display will show " <i>EPJd</i> "		
\vee		Touch DOWN key for six times: the display will show "Mnu" and "ConF"		
SET		Touch SET key: the display will show " <i>onF</i> " and " <i>EPJ</i> d"		
\land	\vee	Touch UP or DOWN keys to see the parameters		
Û		Touch ON/STAND-BY key few times to return to the previous displays		



Technical data

Туре	Description			
Purpose of the control device	Function controller			
Construction of the control device	Built-in electronic device			
Container	White, self-extinguishing			
Category of heat and fire resistance	D			
Dimensions	12-24 VAC/DC models for wall mounting	- 111.4 x 76.4 x 18.5 mm (4 ³ / ₈ x 3 x ³ / ₄ in)		
	115 230 VAC models for wall mounting	- 111.4 x 76.4 x 51.5 mm (4 ³ / ₈ x 3 x 2 in)		
Mounting methods for the control device	According to the model: – Wall mounting – In the most common flush mounting	– Wall mounting		
Degree of protection provided by the covering	IP30			
Connection method	Fixed screw terminal blocks for wires	up to 1 mm²		
Maximum permitted length for connection cables	Power supply: 10 m (32.8 ft)			
	Analogue inputs: 10 m (32.8 ft)			
	Digital outputs: 10 m (<i>32.8 ft</i>)			
	CAN port: - 1.000 m (3.280 ft) with baud rate 20.000 baud - 500 m (1.640 ft) with baud rate 50.000 baud - 250 m (820 ft) with baud rate 125.000 baud - 50 m (164 ft) with baud rate 500.000 baud - 0ver 10 m (32.8 ft) use a shielded cable			
Operating temperature	0 - 40 °C (32 - 104 °F)			
Storage temperature	-20 – 70 °C (-4 – 158 °F)			
Operating humidity	Relative humidity from 5 to 95% non condensing			
Pollution status of the control device	2			
Compliance	- RoHS 2011/65/CE			
	- WEEE 2012/19/EU			
	– REACH (EC) regulation no. 1907/200	06		
	- EMC 2014/30/UE			
	- RED 2014/53/UE			
Power supply	12-24 VAC/DC models for wall mounting	12-24 VAC (±15%), 50/60 Hz (±3 Hz), max. 2 VA not insulated or 12 VDC (±15%), max. 1 W not insulated (independent power supply or by a controller)		
	115 230 VAC models for wall mounting	115 230 VAC (+10% -15%) 50/60 Hz (±3 Hz) max. 3 VA insulated		
Earthing methods for the control device	None			
Rated impulse-withstand voltage	12-24 VAC/DC models for wall mounting	330 V		
	115 230 VAC models for wall mounting	2.5 KV		
Over-voltage category	12-24 VAC/DC models for wall mounting	I		
	115 230 VAC models for wall mounting	II		
Software class and structure	Software class and structure A			



EPJ LCD - Remote user interfaces

Туре	Description	
Analogue/digital inputs	12-24 VAC/DC models for wall mounting	1 for NTC/DI probes
	115 230 VAC models for wall mounting	2 for NTC/DI probes
NTC probes	Measurement field	-40 – 110 °C (from -58 – 230 °F)
	Resolution	0.1 °C (1 °F)
Digital outputs	12-24 VAC/DC models for wall mounting	None
	115 230 VAC models for wall mounting	2 with electromechanical relay (K1 and K2 relay)
K1 relay	SPST, 1 res. A at 250 VAC	
K2 relay	SPST, 1 res. A at 250 VAC	
Azioni di Tipo 1 o di Tipo 2	Tipo 1	
Caratteristiche complementari delle azioni di Tipo 1 o di Tipo 2	C	
Visualizzazioni	Display LCD a due righe e icone funzione	
Buzzer di allarme	Incorporato	
Incorporated sensors	Temperature and humidity (according to the model)	
Working range temperature humidity sensor	0 40 °C (32 104 °F)	
Working range humidity sensor	10 70% of relative humidity	
Communications ports	1 CAN port	



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