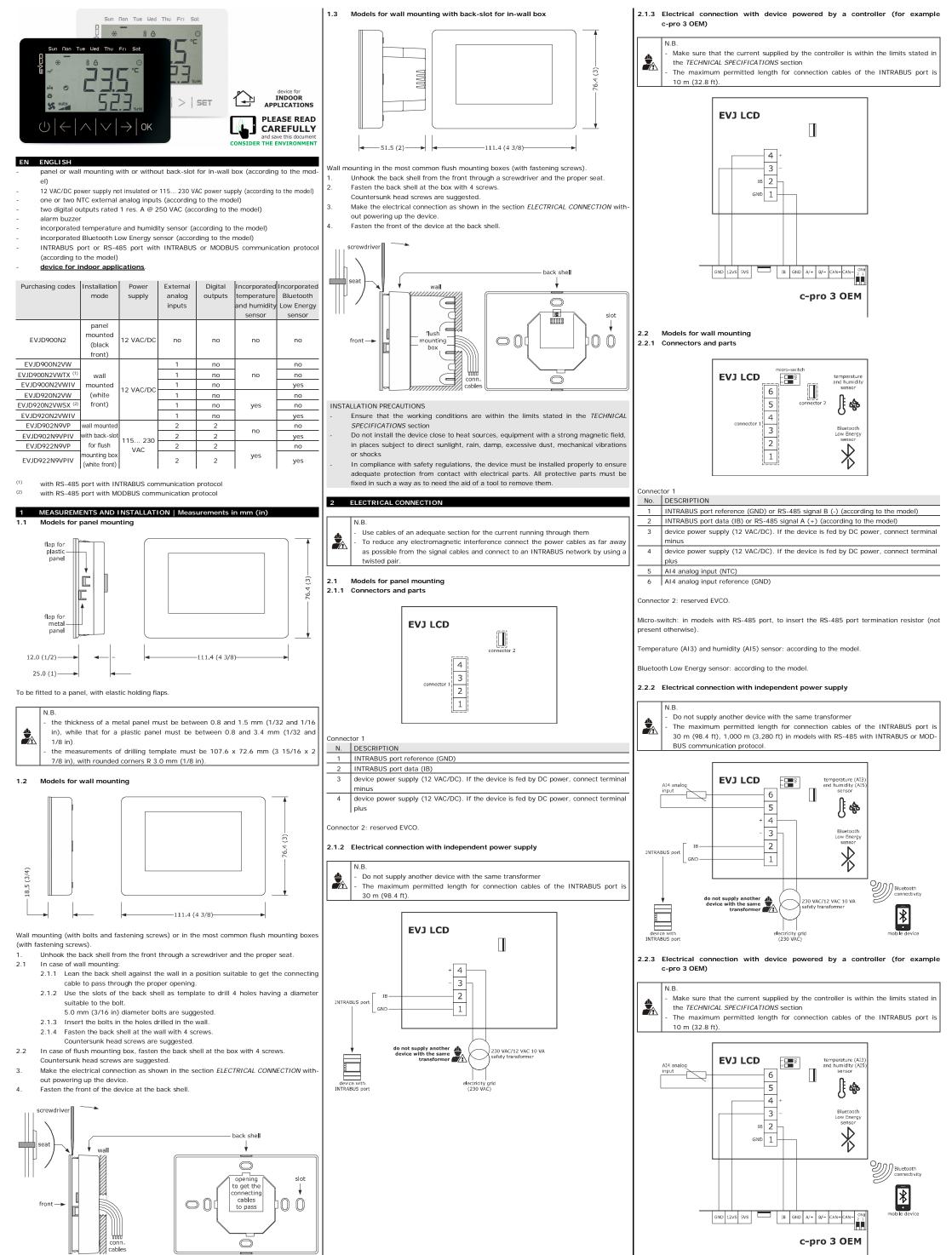
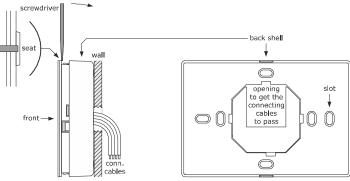
EVJ LCD

Remote user interfaces (with INTRABUS or RS-485 port)



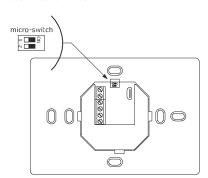




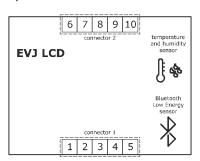
EVCO S.p.A. | EVJ LCD | Instruction sheet ver. 3.2 | Code 104VJLCDE323 | Page 2 of 2 | PT 38/22 2.2.4 Insertion of the RS-485 port termination resistor

To insert the RS-485 port termination resistor, place micro-switch 2 in position ON. Microswitch 1 is reserved EVCO.

The micro-switch is at the back of the device.



2.3 Models for wall mounting with back-slot for in-wall box 2.3.1 Connectors and parts



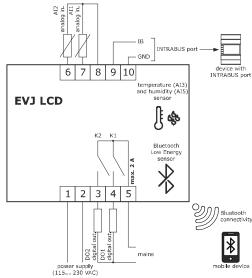
- Connector 1 No. DESCRIPTION device power supply (115... 230 VAC) 1 2 device power supply (115... 230 VAC) 3 DO2 digital output normally open contact (1 A res. @ 250 VAC) 4 DO1 digital output normally open contact (1 A res. @ 250 VAC)
 - DO1 and DO2 digital outputs common contact (max. 2 A) 5
- Connector 2

No.	DESCRIPTION
6	AI2 analog input (NTC)
7	AI1 analog input (NTC)
8	AI1 and AI2 analog inputs reference (GND)
9	INTRABUS port data (IB)
10	INTRABUS port reference (GND)

Temperature (AI3) and humidity (AI5) sensor: according to the model

Bluetooth Low Energy sensor: according to the model

2.3.2 Electrical connection



PRECAUTIONS FOR ELECTRICAL CONNECTION

- If using an electrical or pneumatic screwdriv
- If the device has been moved from a cold caused condensation to form inside. Wait ab
- Make sure that the supply voltage, electric
- limits. See the section TECHNICAL SPECIFIC
- Disconnect the power supply before doing an Do not use the device as safety device
- For repairs and for further information, con

3 USER INTERFACE

turns without label data will not be accepted

mobile device		17	nEr	-	number of INTRABUS receipts in error	0 999
	*	18	bAu	-	INTRABUS baud rate	19200
er, adjust the tightening torque		19	Stb	1	INTRABUS bit stop number	0 2
to a warm place, the humidity may have		20	PtY	2	INTRABUS parity	0 2
out an hour before switching on the power al frequency and power are within the set ATIONS by type of maintenance		N.	PAR.	DEF.	"NET > BLE" MENU (READ ONLY; AVAILABLE IN THE MODELS WITH INCORPORATED TEMPER- ATURE AND HUMIDITY SENSOR)	MIN M
tact the EVCO sales network; possible re-		21	StA	-	enable Bluetooth	On OF
		22	nrH	-	number of BLE packages re- ceived	0 999
		23	ntH	-	number of BLE transmitted re- ceived	0 999
		24	nEr	-	number of intercepted BLE er- rors	0 999
		25	bAu	-	BLE baud rate	19200
		26	Stb	1	BLE bit stop number	0 2
Thu Fri Sat		27	PtY	2	BLE parity	0 2
		Ν.	PAR.	DEF.	"diA" MENU (READ ONLY)	MIN M
¥ 😀 🛡 🖂		20	N 4 5 mm		EEDDOM	

Accessin	g the	menu.	1					Models for wall	mounting	111.4 x 76.4 x 18.5 mm	
2.	€ The o		will show	Touch the UP or DOWN key to select	Models for wall back-slot for fl			•	(4 3/8 x 3 x 3/4 in) 111.4 x 76.4 x 51.5 mm (4 3/8 x 3 x 2 in).		
		r line	1	Mnu				box			
	Lowe	er line		menu name.		Mounting methods	s for the cont	trol device:		the model, panel mounting	
3.	<u> </u>	SET Touch the SET key.					(with bolts ar	holding flaps), wall mounting nd fastening screws) or in the n flush mounting box (with fas			
Upper line		Т	the parameter				tening screws	•			
- F	Lower line the parameter value			Degree of protect ing:	tion provided	d by the cover-	1P30 (1P65 in	case of panel mounting).			
1			i	eters of menu "PAr".		Connection method		Models for pane	el mounting	Removable screw termina blocks for wires up to 1 mm ²	
3.	1	SET		Touch the SET key.				Models for wall	mounting with	Fixed screw terminal block	
	The o	display	will show	w:				or without bad	ck-slot for in-	for wires up to 1 mm ²	
-		r line		PSU		Maximum permitte	ed length for	wall box	26.	<u> </u>	
Ь.	1	er line		0000 Touch the SET key again.		Power supply: 10	m (32.8 ft)		Analogue inpu	ts: 10 m (32.8 ft)	
	The o	display	will show			Digital outputs: 10	J m (32.8 π)		is powered by	rt: 10 m (32.8 ft) if the devic y a controller, 30 m (98.4 ft	
		r line		PSU		RS-485 INTRABUS		port: 1 000 m (otherwise		
	Lowe	er line	-	a value flashing		Operating tempera		s port. 1,000 m (°C (from 32 to 104 °F).	
	۲	\vee	∳	Touch the UP or DOWN key to set "	-019".	Storage temperate				0 °C (from -4 to 158 °F).	
		SET		Touch the SET key.		Operating humidit				midity without condensate from 5	
	0					Pollution status of	the control of	device:	2.		
'.	V	∇		Touch the UP or DOWN key to selec	u a parameter.	Compliance:					
E			will show			RoHS 2011/65/EC		07/200/	WEEE 2012/19/EU		
-		r line		the parameter		REACH (EC) Regu Power supply:	iation no. 19	1	RED 2014/53/UE. anel or wall 12 VAC (±15%), 50/60 H		
	1	er line		the parameter value		i ower suppry:		mounting	uner ut Wall	(±3 Hz), max. 2 VA not insu	
3.	<u> </u>	SET		Touch the SET key.						lated or 12 VDC (±15%)	
- F			will show							max. 1 W not insulated (in	
ļ		r line		the parameter						dependent power supply o by a controller).	
	Lowe	er line		the parameter value flashing				Models for wall	mounting with	115 230 VAC (+109	
Э.	ŕ	\vee	ا ا ا	Touch the UP or DOWN key to set t	he value.			back-slot for f	•	-15%), 50/60 Hz (±3 Hz) max. 3 VA insulated.	
0.		SET		Touch the SET key.		Earthing methods	for the contr		None.	max. 5 VA insulated.	
l turnin	g to t	the prev	l ious dis/	splays.		Rated impuls voltage:	e-withstand	Models for p mounting	anel or wall	330 V	
1.	I	\bigcirc		Touch the ON/STAND-BY key a few	times.	vonage.		Models for wall back-slot for f	•	2.5 KV.	
. (CONF	IGURA	TION P	PARAMETERS				box	5		
	N	DAD				Over-voltage cate	gory:	Models for p mounting	anel or wall	1	
	N. 1	PAR. Prn	DEF.	"InF" MENU (READ ONLY) project number	MIN MAX.			Models for wall	mounting with	11.	
	2	Pru	-	project version	-			back-slot for f	lush mounting		
\sim	3	Prr	-	project revision	-			box	1.		
Q	4	FUu	-	firmware version	-	Software class and Analogue inputs:	a structure:	Models for pane	A.	none	
	5	FUr FUS	-	firmware revision firmware subversion	-	, indioguo inputo.		Models for wall		1 for NTC probes	
	7	HUu	-	hardware version	-			Models for wall	•	2 for NTC probes.	
	8	HUr	-	hardware revision	-			back-slot for f box	lush mounting		
	N. 9	PAR. bKU	DEF. 15	"PAr" MENU backlight intensity	MIN MAX. 0 100		easurement 1	1	1	I 10 °C (from -58 to 230 °F)	
					fixed value 30 in the models with incorporated tempera-	Re Digital outputs:	esolution:	Models for p	0.1 °C (1 °F). anel or wall	none	
	10	bKt	30	backlight timeout	ture and humidity sensor 0 255 s			mounting Models for wall	mounting with	2 with electromechanical re	
-		DKI	30		fixed value 30 in the models			back-slot for f box	lush mounting	lay (K1 and K2 relay).	
*					with incorporated tempera- ture and humidity sensor	K1 relay:			SPST, 1 res. A	@ 250 VAC	
	11	bKM	tiME	backlight mode	off = off	K2 relay:			SPST, 1 res. A	@ 250 VAC.	
					on = on (not used in the models with incorpo-	Type 1 or Type 2 Additional feature		or Type 2 ac- C.			
					rated temperature and humidity sensor)	tions: Displays:			Two rows and	function icons LCD display.	
					tiME = with bKt	Alarm buzzer:			Built-in.		
	12	EU3	OFF	enable compatibility with Vled 3	On OFF	Incorporated sens					
	N. 13	PAR. nOd	DEF. 4	"nEt > Itb" MENU (READ ONLY) INTRABUS node	MIN MAX. 1 127	temperature and model)	numidity (a	ccording to the	Bluetooth Lo model).	w Energy (according to the	
			"		if EU3C = On, nOdE = 3	Working range inc	corporated te	mperature and h	· · ·		
	14	StA	-	INTRABUS status communication	OK Err	0 40 °C (32 1			1	relative humidity.	
	15	nrH	-	number of received INTRABUS packages	0 999	Communications p	ports:			port or RS-485 port with IN DDBUS communication protoco	
IB	16	ntH	-	number of transmitted INTRA-	0 999				(according to the model).		
	17	nEr	-	BUS packages number of INTRABUS receipts in	0 999	6 SIMPLIFIE	ED EU DECL	ARATION OF CO	ONFORMITY		
	18	bAu	-	error INTRABUS baud rate	19200	EVCO S.p.A. decla	res that the	type of radio equ	ipment:		
	19	Stb	1	INTRABUS bit stop number	0 2	- EVJD900N2VW	IV				
	20	PtY	2	INTRABUS parity	0 2	 EVJD920N2VWI EV ID902N9VPI 					
	N.	PAR.	DEF.	"NET > BLE" MENU (READ ONLY; AVAILABLE IN THE MODELS WITH INCORPORATED TEMPER- ATURE AND HUMIDITY SENSOR)	MIN MAX.	EVJD902N9VPIV EVJD922N9VPIV complies with directive 2014/53/EU and directive 2011/65/EU. The full text of the EU declaration of conformity is available at the following internet address					
	21	StA	-	enable Bluetooth	On OFF	https://www.evco				.g	
*	22 23	nrH	-	number of BLE packages re- ceived number of BLE transmitted re-	0 999	According to European R&TTE Declaration of Conformity this device can be used in the follow ing Countries: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, Franc Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Norway, P land Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, The Netherlands and The Unit					
	23	ntH	<u> </u>	ceived	0 777						
	1.2.4		1					, ,			

Sun Non Tue Ved



3.1 Device configuration

N.B. Turn off the power after changing the configuration.

Touch the SET key for 7 s.

Accessing the procedure.

1.

SET

The display will show:

Upper line Mnu Lower line InF

	27	PtY	2	BLE parity	0 2
	N.	PAR.	DEF.	"diA" MENU (READ ONLY)	MIN MAX.
2	28	MEm	-	EEPROM memory status	OK Err
	29	PSU	-	power supply voltage status	OK Err
	N.	PAR.	DEF.	"dEb" MENU	MIN MAX.
	30 PSU - power supply voltage value			-	
	31	P1U	-	AI1 analog input reading	-
	32	P2U	-	AI2 analog input reading	-
 `i	33	P3U	-	reserved	-
S 17	34	P4U	-	AI4 analog input reading	-
	35	tEm	-	incorporated sensor temperature	-
				reading (AI3)	
	36	Hr	-	incorporated sensor humidity	-
				reading (AI5)	
\sim	N.	PAR.	DEF.	"dEb > unL" MENU	MIN MAX.
\bigtriangledown	37	dO1	-	DO1 digital output status	On OFF
<u> </u>	38	dO2	-	DO2 digital output status	On OFF
	N.	PAR.	DEF.	"CnF" MENU (READ ONLY)	MIN MAX.
	39	bLE	-	Bluetooth availability	On OFF
Ö _o	40	iPb	-	incorporated sensor	t rH = temperature and hu- midity none= no sensor
	41	EHt	-	back-slot for flush mounting box	On OFF
	•				
5 T	ECH	NICAL	SPECIF	ICATIONS	
-					

Purpose of the control device:		Function controller.		
Construction of the control dev	/ice:	Built-in electronic device.		
Container:		White or black, self-extinguishing.		
Category of heat and fire resis	tance:	D.		
Measurements:	Models for pane	•	111.4 x 76.4 x 25.0 mm (4 3/8 x 3 x 1 in)	

N.B. X

Kingdom.

The device must be disposed of according to local regulations governing the collection of electrical and electronic waste.

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