



E•POWER

BREAKDOWN SOLUTION MANUAL

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E-POWER PROBLEM SOLUTIONS

Problem found :

Does not supply water

Check that the display indicates a residual credit or is indicating "ON"

Subscribed User

-ON- * □□□□□□□□

Prepaid User

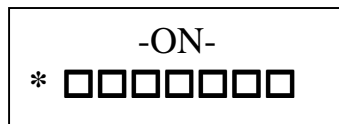
€ 10.00 * □□□□□□□□
--

Check that the tap symbol is present in the position of the asterisk. This may be shown in alternation with the electrical plug symbol. If this is not present, close the facility and reopen it through the transponder, taking care to select the water supply.

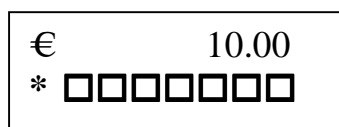
Does not supply electricity

Check that the display indicates a residual credit or is indicating "ON"

Subscribed user



Prepaid user



Check that the electrical plug symbol is present in the position of the asterisk. This may be shown in alternation with the tap symbol. If this is not present, close the facility and reopen it through the transponder, taking care to select the electricity supply.

Invalid system code

If, when bringing the transponder close, the message is :



Check That the key is valid and if so, reset the facility with the reset transponder and try again.

Transaction not completed:

If the display shows one of the following messages:

OFF T1

OFF T2

OFF T3

ON T1

ON T2

ON T3

this means that the transaction has not been completed correctly. Bring the key close once more and await the completion of the transaction.

Facility engaged:

If the following message is shown on activating the facility:

**No free
Hook – up**

Check that the facility is actually available for use; to free it from the current user, utilize the transponder or the reset key.

Invalid transponder:

If the following message is shown on activating the facility:

**Tag not
valid**

Check that the key has actually been made for the facility intended to be activated.

Anti-theft intervention:

if there is no supply of water and electricity and the display message is :

-ON-
□□□□□□□□

€ 10.00
□□□□□□□□

Note that to the left of the line of squares there is either a flashing symbol or no symbol at all.

Close the facility and reopen it.

Intervention of the maximum absorption protection:

If the following message is shown on the display:

-ON-
I - Max

€ 10.00
I - Max

Close the facility and reactivate it through the transponder.

If absorption is too high after a definable time interval (default 5 min) the supply will be stopped at the socket.

Display off:

Check the magnetothermal protection of the facility.

*For all other abnormalities it is advisable to call
technical assistance on:
+39 0544 270335.*

E-POWER USER MANUAL

START UP

Insert the plug.

Bring the transponder close to the appropriate sensor placed above the socket to switch on.

Leave the transponder at the reading distance (1 cm) and await loading. .

Options

Maintaining the transponder at the reading distance after start up will start the supply options: only water, only electricity and water + electricity.

Remove the transponder during supply of the desired option.

SWITCHING OFF

Bring the transponder close and complete the reading in order to shut down.

During shut down, the remaining amount is shown on the transponder.

If the transponder is moved too far away during the start up and shut down procedures, a general error message will be shown, for example: on t1, off t2.

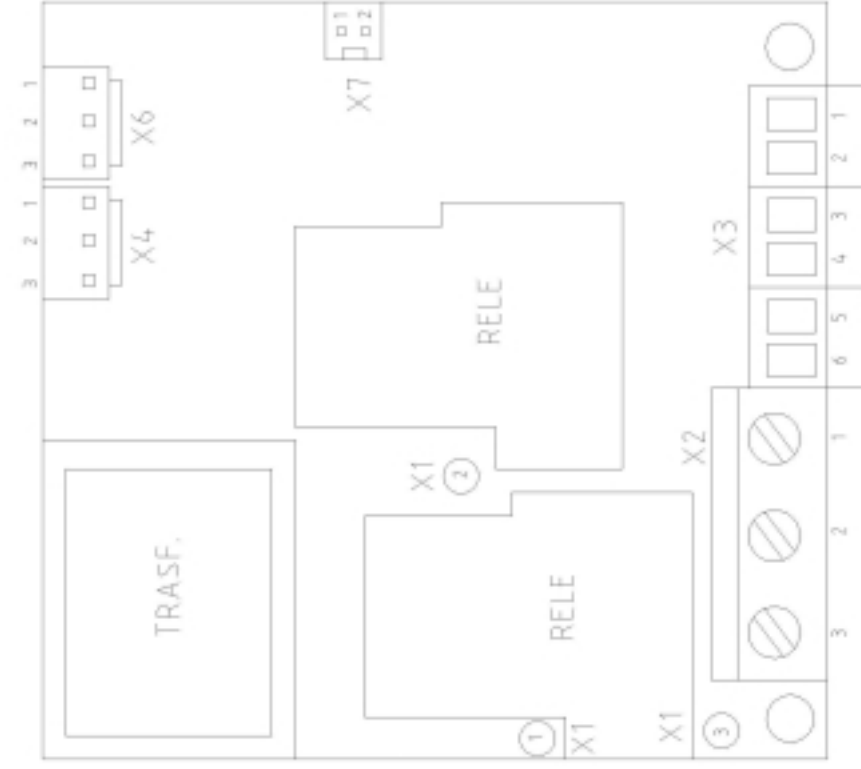
In order to correct the error it is sufficient to correctly repeat the start up or shut down procedure.

TOPPING UP

To top up the credit available on the socket, switch off the system and switch it back on again within 10 seconds so as not to have even a momentary loss of energy.

WARNING, the cable must be suitable for the electrical current being distributed and must be no longer than 20 metres in length.

WARNING, if the water and electricity warning light flashes this means that the anti-theft protection has been activated; to unblock, switch off and repeat the start up procedure.



Socket	Pin	Symbol	Description
X1	1	Fout	Phase Output
	2	Nout	Neutral Output
	3	PE	Earth
X2	1	Nin	Neutral Input
	2	Fin	Phase Input
	3	PE	Earth
X3	1	ENABLE	Enable contact
	2	ENABLE	Enable contact
	3	EV+	Electrovalve Output (+)
	4	EV-	Electrovalve Output (-)
	5	PH	Aux Power Supply (Phase)
	6	N	Aux Power Supply (Neutral)
X4	1	S	Water Counter (Output Signal)
	2	+	Water Counter (+5V)
	3	-	Water Counter (GND)
X6	1	S	Aux Water Counter (Output Signal)
	2	+	Aux Water Counter (+5V)
	3	-	Aux Water Counter (GND)
X7	1	TAext.	External TA
	2	TAext.	External TA

ELECTRONIC CARD LAYOUT

Denominazione

Software

SPAC

Nome File

Dir. N.

Data

Matricola G.E.

Ordine

Commissa



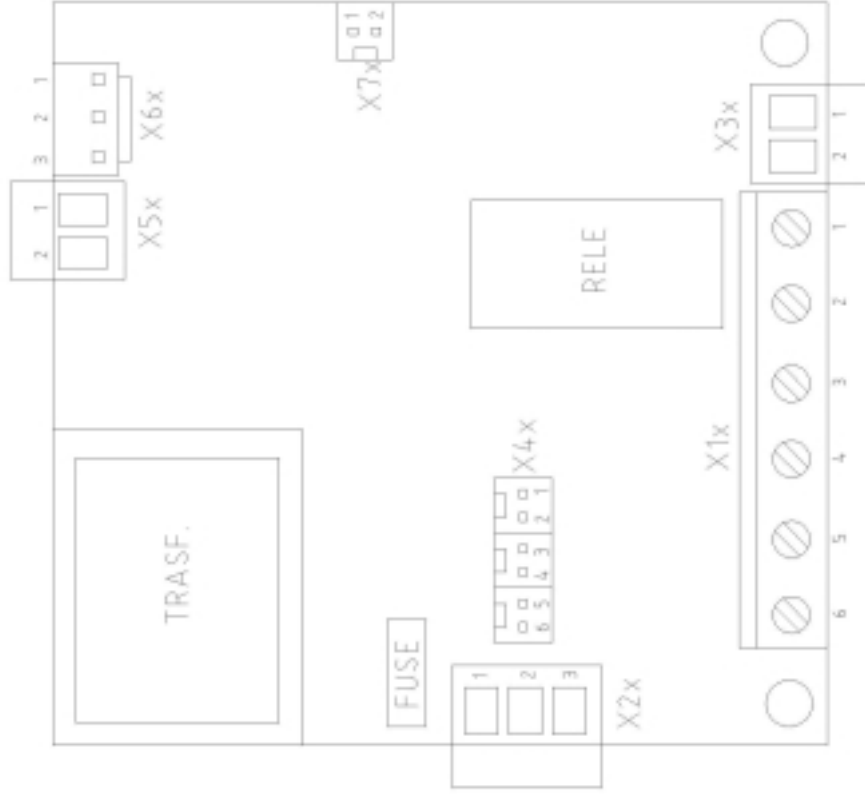
FOGLIO

6

SEQUE

1

0 1 2 3 4 5 6 7 8 9



EPOWER 3PH

ELECTRONIC CARD LAYOUT

Socket	Pts	Symbol	Description
X1x	1	OUT	Relé Output Contact (16A)
	2	OUT	Relé Output Contact (16A)
	3	VCP	T Phase Input Voltage
	4	VM	Neutral Input Tension
	5	VBP	S Phase Input Tension
	6	VAP	R Phase Input Tension
X2x	1	F	Phase Input Supply
	2	N	Neutral Input Supply
	3	IN	230VAC Phase Input
X3x	1	EV+	Electrovalve Output (+)
	2	EV-	Electrovalve Output (-)
X4x	1	CTA	R Phase Current Transformer
	2	CTA	R Phase Current Transformer
	3	CTB	S Phase Current Transformer
	4	CTB	S Phase Current Transformer
	5	CTC	T Phase Current Transformer
	6	CTC	T Phase Current Transformer
X5x	1	ENABLE	Enable Contact
	2	ENABLE	Enable Contact
X6x	1	S	Water Counter (Output Signal)
	2	+	Water Counter (+5V)
	3	-	Water Counter (GND)
X7x	1	TAext.	External TA
	2	TAext.	External TA

Denominazione

Bozzard

E-POWER

Ordine

Commesse

Matricola D.E.

FOGLIO

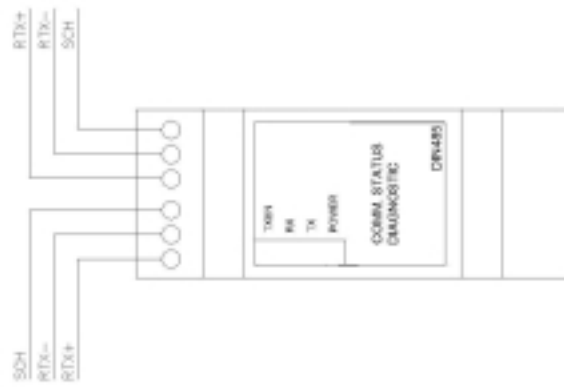
6

SEQUE

1



0 1 2 3 4 5 6 7 8 9



RS485 COMMUNICATION

Denominazione

Bollard

Ordine
Compresso
Materiale O.E.

Data

Dis. N.

Nome File

SPAC

Foglio

3

Segue

4

