D6 RS485 - RJ45 - (NET)

INSTALLATION GUIDE

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WARRANTY

This product is covered by a warranty against material and manufacturing defects for a 24 months period from the manufacturing date.

The warranty does not cover the defects that are due to:

- · Negligent and improper use
- Failures caused by atmospheric hazards
- Acts of vandalism
- Wear out of materials
- Firmware upgrades

Akse reserves the right, at its discretion, to repair or substitute the faulty products

The warranty is not applicable to the products that will result defective in consequence of a negligent and improper use or an operating procedure not contemplated in this manual.

RETURN AND REPAIR FORMALITIES

Akse accepts the return of instruments for repair only when authorized in advance. The transport costs are at customer charge.

RE-SHIPPING OF REPAIRED PRODUCT

The terms for re-shipment of repaired products are ex-works, i.e. the transport costs are at customer charge.

Products returned as detective but found to be perfectly working by our laboratories, will be charged a flat fee to account for checking and testing time irrespective of the warranty terms

SAFFTY

This instrument was manufactured and tested in compliance with IEC 61010-1 CAT III - 300V class 2 standards for operating voltages up to 300 VAC rms phase to neutral. In order to maintain this condition and to ensure safe operation, the user must comply with

- the indications and markings contained in the following instructions:
 When the instrument is received, before starting its installation, check that it is intact and no damage occurred during transport.
 - Before mounting, ensure that the instrument operating voltages and the mains voltage are compatible then proceed with the installation.
 - The instrument power supply needs no earth connection.



- The instrument is not equipped with a power supply fuse; a suitable external protection fuse must be foreseen by the contractor.
- Maintenance and/or repair must be carried out only by qualified, authorized personnel
- If there is ever the suspicion that safe operation is no longer possible, the instrument must be taken out of service and precautions taken against its accidental use.

Operation is no longer safe when:

- There is clearly visible damaged.
- The instrument no longer functions.
- After lengthy storage in unfavorable conditions.
- After serious damage occurred during transport

The instruments must be installed in respect of all the local regulations.

OPERATOR SAFETY

Warning: Failure to observe the following instructions may lead to a serious danger of death.

- During normal operation dangerous voltages can occur on instrument terminals and on voltage and current transformers. Energized voltage and current transformers may generate lethal voltages. Follow carefully the standard safety precautions while carrying out any installation or service operation.
- The terminals of the instrument must not be accessible by the user after the installation.
 The user should only be allowed to access the instrument front panel where the display is located.
- Do not use the digital outputs for protection functions nor for power limitation functions.
 The instrument is suitable only for secondary protection functions.
- The instrument must be protected by a breaking device capable of interrupting both the power supply and the measurement terminals. It must be easily reachable by the operator and well identified as instrument cut-off device.
- The instrument and its connections must be carefully protected against short-circuit.

Precautions: Failure to respect the following instructions may irreversibly damage to the instrument.

- The outputs and the options operate at low voltage level; they cannot be powered by any unspecified external voltage.
- The application of currents not compatible with the current inputs levels will damage to the instrument.

Further documentation may be downloaded from our web site www.electrex.it.

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DECLARATION OF CONFORMITY

Akse hereby declares that its range of products complies with the following directives EMC 2014/30/EU, 2014/35/EU and complies with the following product's standard CEI EN 61326 - Ed. 2.0 (2012) – IEC 61326 - Ed. 2.0 (2012) CEI EN 61010 Ed. 3 (2010) – IEC 61010 Ed. 3 (2010). The product has been tested in the typical wiring configuration and with peripherals conforming to the EMC directive and the LV directive.

READINGS



MEASURE LIST TABLE

(The parameters available vary according to instrument configuration)

7.	(The parameters available vary according to metrament configuration)										
	U			\neg		I P/	PF		Long Ke	eypress	
IL	Ă		Ŭ.								$\overline{}$
_			$\overline{}$	1			_		-		
	ln.	UL-N		\cap	1		Λ	P	Q	S	PF
	,	U L-L	ω l	Ш	IΣ	ر ا س	Ш	PΣ	QΣ	SΣ	PF ∑
g	<u> </u>	U THD L-N	res	Įŧ۱	I THD	res	١ŧ	P Avg Imp	Q Avg Imp	S Avg Imp	
Keynrees	<u>} </u>	U THD L-L	Keypress	î۱۱	I THD ∑	Keypress	ÎΙ	P Avg Exp	Q Avg Exp	S Avg Exp	
+		U L-N Min	후	Ш	I Max		IJ	P MD Imp	Q MD Imp	S MD Imp	
Sport	{ 	U L-L Min	Short	ŧ۱	I AVG	Short	٨Ĭ	P MD Exp	Q MD Exp	S MD Exp	
0.	′	U L-N Max	0)	Ш	I MD	(0)	П				
	ΙU	U L-L Max		UΙ			U				

Cr	VT	Long Keypress						
L								
		Ea + MAIN	Er + L MAIN	Er + C MAIN	Es + MAIN	t LIFE		
		Ea - MAIN	Er - L MAIN	Er - C MAIN	Es - MAIN	t MAIN		
	n	Ea Phase	Er L Phase	Er C Phase	Es Phase	t P1		
SS	Ш	Ea + Phase	Er + L Phase	Er + C Phase	Es + Phase	t P2		
Short Keypress	↓ †	Ea - Phase	Er - L Phase	Er - C Phase	Es - Phase	t P3		
Key	Ш	Ea + P1	Er + L P1	Er + C P1	Es + P1			
lor	١Į٢	Ea - P1	Er - L P1	Er - C P1	Es - P1			
क	Ш	Ea + P2	Er + L P2	Er + C P2	Es + P2			
	U	Ea - P2	Er - L P2	Er - C P2	Es - P2			
		Ea + P3	Er + L P3	Er + C P3	Es + P3			
		Ea - P3	Er - L P3	Er - C P3	Es - P3			

LEGEND OF PARAMETERS AND SYMBOLS

U	Voltage	L-N	Phase-Neutral
I	Current	L-L	Phase-Phase
Р	Active Power	THD	Total Harmonic Distortion
Q	Reactive Power	Min	Minimum values (10 cycles time base)
S	Apparent Power	Max	Maximum values (10 cycles time base)
PF	Power Factor	Avg	Average (rolling) value
Ea	Active Energy	MD	Maximum Demand
Er	Reactive Energy	∑/MAIN	Value (total)
Es	Apparent Energy	Р	Value (partial)
L	Inductive	t	Time counter
С	Capacitive	LIFE	Operating time
Imp / +	Imported value		
Exp/-	Exported value		

MECHANICAL CHARA	CTERISTICS
Case	Self-extinguishing plastic material class V0
Protection degree	IP40 on front panel
Size	105 x 90 x 58 mm (6 DIN modules)
VOLTAGE INPUTS	
Direct	Up to 300 Vrms phase-neutral or 520 Vrms phase to phase
With external PT(VT)	Primary: programmable (max. 400 kV)
	Secondary: programmable (max. 300 V)
	Overload: 900 Vrms phase to phase for 1 sec
Power supply	85÷265Vac +/- 10% 50/60Hz
Self consumption	< 2.5\/Δ

MODELS

PFNK6-FQ5D9-121, PFNK6-FQ5D9-A21, PFNK6-FQ5D9-F21, PFNK6-FQ7D9-0MM, PFNK6-FQAD9-121, PFNE6-FH5D9-110

	DEVICE SETUP						
DESCRIPTION OF KEYS							
	Short keypress	Long keypress		Short keypress	Long keypress		
MENU ENTER	Confirm parameter	Setup confirmation	P/PF ◀	Go to previous value	Go to previous page		
U	Modify parameter		CNT 	Go to next value	Go to next page		
-	Modify parameter		Esc	Exit without saving the configuration			

ENTE	R THE SETUP	EXIT	THE SETUP
Push for 2 seconds	MENU ENTER	Push for 2 seconds	Esc
Using the keys U Select SET from the menu	ELECTREX XXXX D6 ADDR 247 PAGE STAT VER X.XX SN XXXXXXX RESET MAC XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
Push the key	MENU ENTER		

SETUP SEQUENCE PAGE

PASSWORD NET EXPORT RANG VT I AVG	3PH-4W, 2PH-2W, 1PH-2W, 3PH-3W-2C IMP / EXP 1.2,3,4,5 400000/300	3PH-4W EXP 3 1/1
NET EXPORT RANG VT	3PH-4W, 2PH-2W, 1PH-2W, 3PH-3W-2C IMP / EXP 1.2,3,4,5 400000/300	3PH-4W EXP 3 1/1
EXPORT RANG VT I AVG	3PH-3W-2C IMP / EXP 1,2,3,4,5 400000/300	3 3 1/1
RANG VT I AVG	IMP / EXP 1,2,3,4,5 400000/300	3 1/1
RANG VT I AVG	1,2,3,4,5	3 1/1
I AVG	400000/300	
I AVG		
	160 (minutes)	g g
PAVG		
	160 (minutes)	15
	T	1
S1	1399999	1
S2	1399999	1
S3	1399999	1
	I	
MODE	SLAVE, MASTER	SLAVE
TOUT	10010000 (ms)	3000
RETR	09	3
ADDR (485 address)	1 247	247
•	2400, 4800, 9600, 19200,	38400
· · · · · · · · · · · · · · · · · · ·		8
•	N = no parity, E = even parity,	N
COM (Stop bit)	1 or 2	2
S.T. (Silent Time)	0 1000 mS (Step of 10)	100
DHCP	N, Y	N
IP .		192.168.027.001
NETM	xxx.xxx.xxx	255.255.255.000
GWAY	YYY YYY YYY YYY	127.000.000.001
OWAI	^^.^^.	127.000.000.001
DHCP	N, Y	N
IP	xxx.xxx.xxx	192.168.026.001
NETM	xxx.xxx.xxx	255.255.255.000
GWAY	xxx.xxx.xxx	127.000.000.001
DEF	ETH, WIFI	ETH
ETH	N, Y	Y
WIFI	N, Y	Y
	1	
DIM	DISABLE, ENABLE	DISABLE
TIME	190 (sec)	3
LIGHT	3001000	500
PULSE	DISABLE, ENABLE	ENABLE
	NORMAL 4 OF 2 2 OF 2	
MODE	UNBAL%, DERIV, UNBAL	NORMAL
TYPE	MIN, MAX	MAX
MEAS (note n.5)	Controlled measure. See table n.1 for register selection	000
THRE (note n.5)	Threshold value	+000.000
	MODE TOUT RETR ADDR (485 address) COM1 (Baud rate) COM2 (Parity) COM (Stop bit) S.T. (Silent Time) DHCP IP NETM GWAY DHCP IP	S3

ALARM 1-B	HYST	099 (%)	05
HYST 05	DEL	099 / S,M / 099 / S,M	01/S/01/S
DEL 01 / S / 01 / S AVG 05	AVG	099 (sec)	05
OUT NORMAL	ОИТ	NORMAL, PULSE-S, PULSE-L, HOLD	NORMAL
ALARM 2 / A (see ALARM 1/	A)		
ALARM 2 / B (see ALARM 1/	(B)		
ALARM 3 / A (see ALARM 1/	(A)		
ALARM 3 / B (see ALARM 1/	(B)		
ALARM 4 / A (see ALARM 1/	(A)		
ALARM 4 / B (see ALARM 1/	(B)		
CHANGE PWD	•		
	PWD	00009999	0000

The "RESET" page allows to reset the total (TOT) and partial (PAR) energy counters, the minimum and maximum values (MAX) and the historical maximum values (MD).



STAT

The "STAT" page shows the assigned IP address of the LAN and WI-FI port (if



ETH 192.168.027.001 WIFI 192.168.026.001

TABLE n.1 - Part of ModBus Registers; for e.g. alarm configuration.

DECICEES	DECODIDATION	CVMDOL	LINIT
	DESCRIPTION	SYMBOL	UNIT
218	Frequency of U1N	f	[Hz]
220	Phase to Neutral Voltage, RMS Amplitude	U1N	[V]
222	Phase to Neutral Voltage, RMS Amplitude	U2N	[V]
224	Phase to Neutral Voltage, RMS Amplitude	U3N	[V]
226	Phase to Phase Voltage, RMS Amplitude	U12	[V]
228	Phase to Phase Voltage, RMS Amplitude	U23	[V]
230	Phase to Phase Voltage, RMS Amplitude	U31	[V]
232	Phase Current, RMS Amplitude	l1	[A]
234	Phase Current, RMS Amplitude	12	[A]
236	Phase Current, RMS Amplitude	13	[A]
238	Neutral Current, RMS Amplitude	IN	[A]
240	Phase Active Power (Imp/ Exp)	P1	[W]
242	Phase Active Power (Imp/Exp)	P2	[W]
244	Phase Active Power (Imp/Exp)	P3	[W]
246	Phase Reactive Power (Imp/Exp)	Q1	[var]
248	Phase Reactive Power (Imp/Exp)	Q2	[var]
250	Phase Reactive Power (Imp/Exp)	Q3	[var]
252	Phase Apparent Power	S1	[VA]
254	Phase Apparent Power	S2	ĪVAĪ
256	Phase Apparent Power	S3	[VA]
258	Phase Power Factor (Imp/ Exp)	PF1	[-]
260	Phase Power Factor (Imp/ Exp)	PF2	[-]
262	Phase Power Factor (Imp/ Exp)	PF3	[-]
270	Phase to Neutral Voltage, Mean RMS Amplitude	UI	ĺΫΙ
272	Phase to Phase Voltage, Mean RMS Amplitude	UD	īvi
274	Three phase current, RMS Amplitude	ı	ΪΑΊ
276	Total active power (Imp/ Exp)	PS	įwi
278	Total reactive power (Imp/ Exp)	QS	[var]
280	Total apparent power		[VA]
282	Total power factor (Imp/ Exp)	PFS	[-]
332	Phase Current, RMS Amplitude, AVG	I1 AVG	ΪΑΊ
334	Phase Current, RMS Amplitude, AVG	I2 AVG	ΪΑΊ
336	Phase Current, RMS Amplitude, AVG	I3 AVG	[A]
344	Total imported active power, AVG	P Imp AVG	[W]
346	Total imported inductive power, AVG	Qind Imp AVG	[var]
348	Total imported capacitive power, AVG	Qcap Imp AVG	
350	Total imported apparent power, AVG	S Imp AVG	[VA]
352	Total exported active power, AVG	P Exp AVG	[W]
354	Total exported inductive power, AVG	Qind Exp AVG	
356	Total exported capacitive power, AVG	Qcap Exp AVG	
358	Total exported apparent power, AVG	S Exp AVG	[VA]

NOTE n.1		
NET	3PH-3W-2CT	2 phases 3 wires, Triangle
	3PH-4W	3 phases 4 wires, Star
	2PH-2W	2 phases 2 wires, Bi-phase
	1PH-2W	1 phase, 2 wires, Single phase
	IMP/EXP	
RANG	Range of the	current full scale
VT	Primary / Sec	ondary of the voltage transformer (VT)
NOTE n.2	It is a constant	(D (II) (A)(O) (A)(D)
PAVG		ne for Power of the average value (AVG) and peak value (MD)
NOTE n.3	Integration tim	ne for Current of the average value (AVG) and peak value (MD)
MODE	SLAVE	RS485 port set as Slave of the network.
IWODE	MASTER	RS485 port set as Master of the network.
TOUT	111111111111111111111111111111111111111	Predetermined time in which a given operation must be
		terminated
RETR		Number of communication attempts on the RS485 port
NOTE n.4		
DHCP		ble the search for a DHCP server in the network
IP		the network interface
NETM	1	defines the belonging range of a host within an IP
CIA/AI/	subnetwork	
GWAY NOTE n.5	IP address of	tne gateway
DEF	Solocts the de	efault network interface to be used for the communication
ETH		ble the Ethernet (LAN) port
WIFI		ble the WIFI port
NOTE n.6	,	
DIM	Enable / Disa	ble dimming of the display
TIME	Time in secon	nds after which the display luminosity is reduced. (With DIM
	enabled)	
LIGHT		vel of the display
PULSE	Enable / Disa	ble the flashing of the sine wave symbol 🗹 light near the
	Electrex logo.	
NOTE n.7		
MODE	NORMALE	Classic Alarm with reference to a fixed threshold or to
		maximum and minimum delay and applicable hysteresis.
		"AVG" parameter is not used.
	1-OF-3	Considers also the 2 following registers of the selected one
		in "MEAS". It operates on a fixed max or min threshold with
		delay and applicable hysteresis. If one of the three registers
		exceeds the threshold the alarm goes ON. "AVG" parameter
		is not used.
	3-OF-3	Considers also the 2 following registers of the selected one
		in "MEAS". It operates on a fixed max or min threshold with
		delay and applicable hysteresis. When all the three registers
		exceed the threshold the alarm goes ON. "AVG" parameter
		is not used.
	DERIV	"THRE" parameter becomes a % value, "AVG" parameter
		is used. The instant value applied to the alarm on "MEAS"
		is compared with its value mediated obtained on the basis
		of the time set on "AVG". When the instantaneous value
		combined alarm differs in more (setting "Max") or less (setting
		"MIN") from the average value (" AVG ") of the percentage
		set on "THRE" the alarm goes on. With delay and applicable
		hysteresis.
	UNBAL	Considers also the 2 following registers of the selected one
		in "MEAS". "THRE" parameter becomes a % value. Alarm
		goes on when one of the three register is different from the
		percentage set on "THRE" comply with the higher value of the
		three read register if "MAX" is set on "TYPE", or comply with
		the lower value of the three register if "MIN" is set on "TYPE"
TYPE	MAX	With delay and applicable hysteresis.
I I F L		Alarm setting in excess or in decrease compared with the predefined conditions.
	MIN	With the exception of "UNBAL and UNBAL%".
MEAS	+	Indicates which register (measure) the alarm is related to.
1712/10		See table N.1 Input Register.
THRE	<u> </u>	Alarm threshold in absolute value, with the exception made
		for "DERIV" and "UNBAL" in which the value inserted be-
		comes a percentage.
NOTE n.8	•	·
HYST		Hysteresis, or the cycle between alarm value and alarm
		return value. It is a particularly useful function to avoid
		unwanted oscillations and / or alarms. Example: Alarm on
		current set at 100 A Max with 5% hysteresis. The alarm is
		activated at 100 A and is deactivated at 95 A
DEL		Delay time (between 1 sec and 99 min) for activation.
		Delay time (between 1 sec and 99 min) for deactivation.
AVG		Parameter to be used in "DERIV" mode only. Moving window
		width (in secs) used to create a reference value with which
		to compare the instantaneous data
011=		LAlarm remains active during the duration of the event It
OUT	NORMAL	Alarm remains active during the duration of the event. It
OUT		restores automatically.
OUT	HOLD	restores automatically. Alarm remains active until the manual reset via Modbus.
OUT		restores automatically.

ALARM SETUP EXAMPLE

To ensure that the exit "DIGITAL OUT 1" remains excited for the alarm duration (latching) when average active power (MEAS 344) exceeds the value of 100 kW, hysteresis, 5% and latency of 5 seconds set the parameters such as table:

booonido oot ino p	aramotoro cacir ac te	ioio.	
	MODE (note n.3)	NORMAL,UNBAL%,UNBAL,3-OF-3,1-OF-3	NORMAL
	TYPE (note n.4)	MAX, MIN	MAX
ALARM 1 / A	MEAS (note n.5)	Controlled measure. See table n.1 for register	344
	IVIEAS (Hote H.S)	selection.	
	THRE (note n.5)	Threshold value	100000
	HYST	199 (%)	5
ALARM 1 / B	DELAY	199 (seconds)	5
ALARIVI I / D	AVG (note n.6)	199 (seconds)	1
	OUT (note n.7)	NORMAL, HOLD	NORMAL

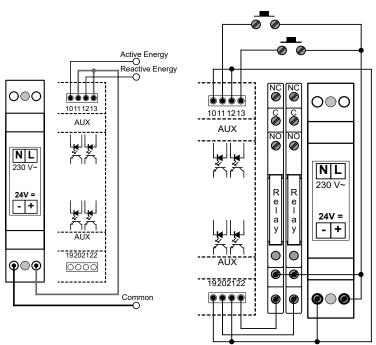
INPUTS - OUTPUTS

SETUP SEQUENCE

PAGE	PARAMETERS	VALUES AVAILABLE	DEFAULT
COUNT WEIGHT Note	A1		
COUNT MEIGHT	IN1		+00001.000
IN1 +00001.000	IN2		+00001.000
IN2 +00001.000			
ABOUNCE CLOSE Not	e A2		
ABOUNCE CLOSE	IN1	1, 5, 50 (ms)	
IN1 5 MS	IN2	1, 5, 50 (ms)	
IN2 5 MS			
ABOUNCE OPEN Note	A2		
ABOUNCE OPEN	IN1	1, 5, 50 (ms)	
INI 5 MS	IN2	1, 5, 50 (ms)	
IN2 5 MS			
	J		
INVERT STATUS Note	A3		
INVERT STATUS	IN1	N, Y	l l
INL N	IN2	N, Y	N
IN2 N			
PULSE OUT Note A4			
PULSE OUT	OUT1	N, Y	1
OUT1 N OUT2 N	OUT2	N, Y	1
0012 N	l		
NORM CLOSE Note A5		lu v	
NORM CLOSE	OUT1	N, Y	Ŋ
OUT1 N OUT2 N	OUT2	N, Y	1
PULSE WIDTH Note A6			
PULSE HIDTH	OUT1	501000 (ms)	100
OUT1 0100	OUT2	501000 (ms)	100
OUT2 0100	1 3312	55 1000 (IIIO)	100
OUTPUTS		INPUTS	

19	C1	Common 1 (negative)	10	C2	Common 2 (negative)
20	01	Output 1 (positive)	11	12	Input 2 (positive)
21	C2	Common 2 (negative)	12	C1	Common 1 (negative)
22	02	Output 2 (positive)	13	11	Input 1 (positive)
OUTPUTS			INPL	JTS	

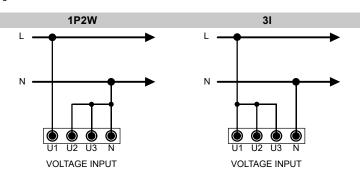
OUTPUTS		INPUTS		
Maximum applicable voltage: 27 Vdc		Supply voltage (external):	from 10 to 30 Vdc	
Maximum switchable current:	27mA	Current consumption:	from 2 to 10mA	
		Max. count frequency	10 or 100Hz	
N.B. Transistor optocoupler digital outputs (NPN) according to DIN 43864.		N.B. For gas meters a galvanic separation is needed per ATEX standards		

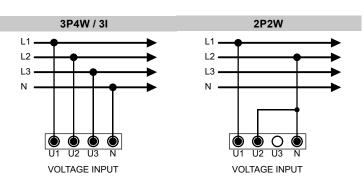


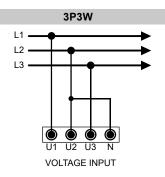
NOTE A1					
Count Weight	Input Weight				
NOTE A2	NOTE A2				
Abounce close	Anti-bounce setting on contact closure				
Abounce open	Anti-bounce setting on contact opening				
NOTE A3					
Invert Status	Inverts the input status				
NOTE A4					
Pulse Out	If set to "Y", set the output as an impulsive one.				
NOTE A5					
Norm Close	Set the output as normally closed.				
NOTE A6					
Pulse Width	Output pulse duration				

VOLTAGE CONNECTION

Use cables with max cross-section of $2,5~\text{mm}^2$ if stranded, $4~\text{mm}^2$ if rigid and connect them to the clamps marked VOLTAGE INPUT on the instrument according to the applicable diagrams that follow.







DIP-SWITCH CONFIGURATION			
DIP	FUNCTION	SLAVE	MASTER *
1	Line termination resistance (120 Ohm)	OFF	ON
2	Fail safe resistance B (-)	OFF	ON
3	Fail safe resistance A (+)	OFF	ON
4	Not used	OFF	OFF
* with RS-485 Master PUK activated		•ON	• ON

LAN 10/100 ETHERNET PORT



The instrument is equipped with a Ethernet Lan 10/100 Auto-MDI/MDIX port.

For the connection can be used a data cable straight or crossover.

Note: the port is not a PoE (Power over Ethernet = device power supply via the Lan port) type. The connection of the device to a PoE port is anyway accepted. The power supply anyway must be always provided by an external power supplier.

EXPBUS PORT



The ExpBus port, configurable via Ethernet port on web pages:

- uses a multicast communication rated at 250kb/sec with collision management
- max cable length : 10 meters
- manages up to 16 modules (but technically can manage up to 126)
- uses the UTP cable, 4 wires used:
 - 2 for the power supply at 9 Vdc
 - 2 for the bidirectional communication

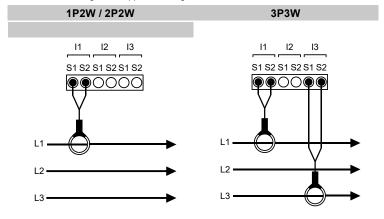
The modules will also power supply the ExpBus port

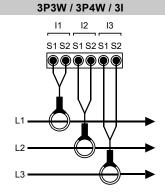
The cable must be connected in in out modelity (multidren) as no

The cable must be connected in in-out modality (multidrop) as per the RS485 Bus.

CURRENT CONNECTION

Connect the CT outputs to the terminals marked I1, I2, I3 (CURRENT INPUT) of the instrument according to the applicable diagrams that follow.





Note: Scrupulously respect the matching of phase between the voltage signals and current signals. Failure to comply with this correspondence and connection diagrams gives rise to measurement errors.

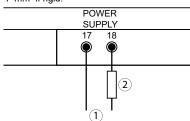
MESSAGE "CFG ERROR"

During the set up operation a "CFG ERROR" message could appear. This means that some wrong parameters are typed.



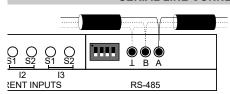
POWER SUPPLY

The instrument is equipped with a separate power supply. The power supply terminals are numbered (17) and (18). Use cables with max cross-section of 2,5 mm² if stranded, 4 mm² if rigid.



J			
	POWER SUPPLY		
	1	85/265Vac +/- 10% 50/60Hz	
	2	F: 500 mA T	

SERIAL LINE CONNECTION



RS485	
Address	27
Baud rate	38400
Parity	None
Bit of Stop	2

Max cable length: 1000 meters.

