

BẢNG THÔNG SỐ CÀI ĐẶT BỘ ĐIỀU KHIỂN TỰ BÙ DUCATI

Rif.	Parameter	U.o.M	Minimum value	Maximum value	Default (1)	Msg.(2)	Auxiliary icons	Description
1	CT primary winding	A	5	10000	1	Pri	T + A	Current full scale of primary winding of the Current Transformer (CT) Dòng điện sơ cấp của CT
2	CT secondary winding	A	1	5	5	SEC	T+A	Current full scale of secondary winding of the Current Transformer (CT) Dòng điện thứ cấp của CT
3	Current reading phase	-	L1, L2, L3		L1	PHA	T+A	Phase line to which the CT is connected Biến dòng đang đo ở Pha nào
4	Reversal towards CT	-	ON/OFF		OFF	Inu	T+A	Reversal of CT direction via SW Đổi cực tính của CT
5	Cogeneration	-	ON/OFF		OFF	COG	<->	Cogeneration mode (4-quadrants) Chế độ đồng phát
6	Frequency	Hz	50/60/ Auto		Auto	Frq	Hz	Mains rated frequency Tần số của hệ thống điện
7	VT primary winding	V	210	160000	400	Pri	T+V	Voltage full scale of primary winding of the Voltage Transformer (VT) Điện áp sơ cấp của máy biến áp
8	VT secondary winding	V	370 (o 210)	430 (o 250)	400	SEC	T+V	Voltage full scale of secondary winding of the Voltage Transformer (VT) Điện áp thứ cấp của máy biến áp
9	Voltage reading phase	-	L1n/L2n/L3n/L12/L23/ L31		L23	PHA	T+V	Phase voltage or voltage linkage to which the VT or instrument power supply was connected / Điện áp lấy nguồn để nuôi bộ điều khiển
10	Capacitor rated voltage	V	50	5000	400	nOM	C1+C2+C3 +C4+C5+V	Rated operating voltage of capacitors Điện áp định mức trên thân tụ
11	Manual mode	-	ON/OFF		OFF	Man	Hand	Manual power factor correction mode Chế độ đóng tụ bằng tay
12	Cosfi setpoint	-	0.50 CAP	0.50 IND	0.98 IND	Set	cos φ	Cosfi target value Cài giá trị cos phi
13	Cosfi setpoint tolerance	-	0.01	0.1	0.03	toL	cos φ	Tolerance expressed in absolute value and to be intende symmetrically applied with respect sepoint / Độ chênh lệch của cos phi
14	Switching time	S	1	30000	60	Con	Clock +C1 +C2	Minium time (expressed in seconds) between switches (connection or disconnection) but on different banks / Thời gian đóng cắt tụ đầu tiên
15	Reconnection tolerance	S	1	600	60	dí	Clock + C1	Wait time (expressed in seconds) for reconnection of the same bank Thời gian đóng các cấp tụ tiếp theo
16	Step n function (n=1,2,3,4,5)	-	CAP/ON/OFF/ALA		CAP	Out	Cn	Cn relay output function (with n = 1,2,3,4,5) Chọn chế độ tụ CAP
17	Step n power (n=1,2,3,4,5)	KVAr	0,1	999	0	SEt	Cn	Reactive power associated to Cn capacitor. Cài đặt giá trị dung lượng của từng cấp tụ
18	Alarm n (n=1,2,3,4,5)	-	THHV, THHA, THLA, THDV, THD%a, TMP%c, Hlcosfi, Locosfi, ALL		THHV	ALM	Waming + Cn	Logic alarm asociated to output n.
19	Average measurement time	min	1	60	15	AVG	Clock	Average time of measurements expressed in minutes.
20	Protocol	-	Mod/ DUC		Mod	Prt	-	Type of protocol used in RS485 communication.
21	Address	-	1	247	31	Ad	-	Address of network device
22	Baud rate	bps	9.6k/19.2k/38.4k/57.6k/115.2k		9.6k	bPS	-	Baudrate
23	Over-voltage alarm threshold	V	90% primary VT	110% primary VT	110% prim.VT	tHH	V	Threshold voltage for over-voltage alarm
24	Over - voltage alarm delay	s	1	255	10	tHH	Clock + V	Delay in seconds for over - voltage alarm and consequent disconnection of all batteries
25	Over- current alarm threshold	A	90% primary CT	120% primary CT	120% prim.CT	tHH	A	Threshold current for over - current alarm
26	Over - curren alarm delay	s	1	255	10	tHH	Clock + A	Delay in seconds for over- current alarm
27	Low voltage alarm threshold	V	90% primary VT	110% primary VT	OFF	tHL	V	Threshold voltage for voltage too low alarm

28	Low voltage alarm delay	s	1	255	10	tHL	Orologio + V	Delay in seconds for voltage too low alarm
29	Low current alarm threshold	A	0,7% primary CT	10% primary CT	0,7% prim.CT	tHL	A	Threshold current for current too low alarm
30	Low current alarm delay	s	1	255	10	tHL	Clock + A	Delay in seconds for current too low alarm and consequent disconnection of all batteries
31	THDV alarm threshold	%	0	100	OFF (999)	tHH	THD% + V	Threshold for harmonic distortion voltage (THDV%) too high alarm. Set 999 for disable alarm (OFF)
32	THDV alarm delay	s	1	255	10	tHH	Clock + THD% + V	Alarm delay in seconds for (THDV% too high and consequent disconnection of all batteries
33	THDI alarm threshold	%	0	100	OFF (999)	tHH	THD% + A	Harmonic distortion current threshold (THDI%) too high. Set 999 for disable alarm (OFF)
34	THDI alarm delay	s	1	255	10	tHH	Clock + A	Delay in seconds for THDI% too high alarm and consequent disconnection of all batteries
35	Temperature alarm threshold	°C	0	80	60	tHH	°C	Threshold for temperature too high alarm. Set 999 for disable alarm (OFF)
36	Temperature alarm delay	s	1	255	10	tHH	Clock + °C	Delay in seconds for temperature too high alarm and consequent disconnection of all batteries
37	FW version	-	read only parameter			rEL	-	Power Factor Controller FW release version
38	Reset	-	ALL/ PEA/Avg/Acq/ALA/Cn/Opn (n=1,2,3,4,5)			rSt	-	Reset commands