GFX4-IR MODBUS MEMORY MAP

INTRODUCTION

The access mode is selected by the dipswitch S7-7 (DIP7) (Modbus address 346 STATUS_JUMPER bit8 read only).

The value from the rotary switches defines the NODE.

The range of each parameter can change in function of the dip-switches configuration and the order code (see table of exceptions).

The parameters must be modified respecting the order of writing (see table of write order).

GFX compatible address	GFX4 compatible address	GFX4-IR address	Updated values

GFX4-IR ACCESS MODE

S7-7 (DIP7)	Custom parameters		Zone 1 parameters		Zone 2 parameters		Zone 3 parameters		Zone 4 parameters	
	Device address	Data address 16bit Data address 1bit	Device address	Data address 16bit Data address 1bit	Device address	Data address 16bit Data address 1bit	Device address	Data address 16bit Data address 1bit	Device address	Data address 16bit Data address 1bit
OFF (0) GFX4 standard	NODE	address from CUSTOM MAP (16bit access)	NODE	1024 + address from ZONE MAP (16bit access)	NODE	2048 + address from ZONE MAP (16bit access)	NODE	4096 + address from ZONE MAP (16bit access)	NODE	8192 + address from ZONE MAP (16bit access)
		Disabled		1024 + address from ZONE MAP (1bit access)		2048 + address from ZONE MAP (1bit access)		4096 + address from ZONE MAP (1bit access)		8192 + address from ZONE MAP (1bit access)
ON (1) GFX compatible	Disabled		NODE	address from ZONE MAP (16bit access)	NODE + 1	address from ZONE MAP (16bit access)	NODE + 2	address from ZONE MAP (16bit access)	NODE + 3	address from ZONE MAP (16bit access)
				address from ZONE MAP (1bit access)		address from ZONE MAP (1bit access)		address from ZONE MAP (1bit access)		address from ZONE MAP (1bit access)

ZONE MAP (16bit access)

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
0	**P.V.**	Variabile di Processo	Process variable	R	Lo.S	Hi.S	dP.S	-	p.s.	S.p.	•	•	
1	**SPA**	Setpoint attivo	Active setpoint	R	Lo.L	Hi.L	dP.S	-	p.s.	S.p.	•	•	
2	**Ou.P**	Uscita di regolazione	Control output value	R	-100.0	100.0	1	-	%	%	•	•	
4	**-**	Deviazione (SPA - PV)	Deviation (SPA - P.V.)	R	-	-	dP.S	-	p.s.	S.p.	•	•	
5	**h.Pb**	Banda proporzionale di riscaldamento	Heating proportional band	R/W	0.0	999.9	1	1.0	%	%	•	•	
6	**c.Pb**	Banda proporzionale di raffreddamento	Cooling proportional band	R/W	0.0	999.9	1	1.0	%	%	•	•	
7	**h.It**	Tempo integrale di riscaldamento	Heating integral time	R/W	0.00	99.99	2	4.00	min	min	•	•	
8	**h.dt**	Tempo derivativo di riscaldamento	Heating derivative time	R/W	0.00	99.99	2	1.00	min	min	•	•	
9	**Ct.1**	Tempo di ciclo out1 (fast) [DIP5=ON]	Cycle time Out1 (fast) [DIP5=ON]	R/W	0 (0.0)	200 (20.0)	0 (1)	0 (0.0) [4]	Sec	Sec	•	•	
10	**Lo.S**	Minimo scala	Scale minimum limit	R/W	-1999	9999	dP.S	0	p.s.	S.p.	•	•	
11	**Hi.S**	Massimo scala	Scale maximum limit	R/W	-1999	9999	dP.S	1000	p.s.	S.p.	•	•	
12	**AL.1**	Allarme 1 (se di tipo relativo) [se di tipo relativoe simmetrico]	Alarm point 1 (if relative) [if relative and symmetrical]	R/W	-1999 (-999) [0]	9999 (999) [999]	Depending of A1.r	500	p.s.	S.p.	•	•	
13	**AL.2**	Allarme 2 (se di tipo relativo) [se di tipo relativo e simmetrico]	Alarm point 2 (if relative) [if relative and symmetrical]	R/W	-1999 (-999) [0]	9999 (999) [999]	Depending of A2.r	100	p.s.	S.p.	•	•	
14	**AL.3**	Allarme 3 (se di tipo relativo) [se di tipo relativo e simmetrico]	Alarm point 3 (if relative) [if relative and symmetrical]	R/W	-1999 (-999) [0]	9999 (999) [999]	Depending of A3.r	700	p.s.	S.p.	•	•	
16	**SP**	Setpoint locale	Local setpoint	R/W	Lo.L	Hi.L	dP.S	0	p.s.	S.p.	•	•	
18	**SP.r**	Definizione Setpoint remoto	Remote setpoint type	R/W	0	63	-	0	-	-	•	•	
20	**Lo.L**	Limite inferiore Setpoint	Lower limit for setting setpoint	R/W	Lo.S	Hi.S	dP.S	0	p.s.	S.p.	•	•	

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
21	**Hi.L**	Limite superiore Setpoint	Upper limit for setting setpoint	R/W	Lo.L	Hi.S	dP.S	1000	p.s.	S.p.	•	•	
22	**G.SP**	Gradiente di Setpoint	Set gradient	R/W	0.0	999.9	1	0.0	digit/min	digit/min	•	•	
23	**oFS.**	Offset ingresso principale	Main input offset correction	R/W	-999	999	dP.S	0	p.s.	S.p.	•	•	
24	**Flt**	Filtro digitale ingresso principale	Digital filter on Main input	R/W	0.0	20.0	1	0.1	sec	sec	•	•	
25	**Lo.L**	Limite inferiore allarme 1	Lower limit for setting setpoint	R/W	Lo.S	Hi.S	dP.S	0	p.s.	S.p.	•	•	
26	**Hi.L**	Limite superiore allarme 1	Upper limit for setting setpoint	R/W	Lo.L	Hi.S	dP.S	1000	p.s.	S.p.	•	•	
27	**HY.1**	Isteresi per allarme 1	Hysteresis alarm 1	R/W	-999	999	dP.S	-1	p.s.	S.p.	•	•	
28	**Lo.L**	Limite inferiore allarme 2	Lower limit for setting setpoint	R/W	Lo.S	Hi.S	dP.S	0	p.s.	S.p.	•	•	
29	**Hi.L**	Limite superiore allarme 2	Upper limit for setting setpoint	R/W	Lo.L	Hi.S	dP.S	1000	p.s.	S.p.	•	•	
30	**HY.2**	Isteresi per allarme 2	Hysteresis alarm 2	R/W	-999	999	dP.S	-1	p.s.	S.p.	•	•	
31	**S.tu**	Codice selftuning	Enabling selftuning, autotuning and softstart	R/W	0	5	0	0	-	-	•	•	
39	**c.SP**	Setpoint di raffreddamento	Setpoint for cooling relative to heating setpoint	R/W	-25.0	25.0	1	0.0	%	%	•	•	
42	**h.P.H**	Limite Max. potenza riscaldamento	Heating maximim power limit	R/W	h.P.L	100.0	1	100.0	%	%	•	•	
43	**c.P.H**	Limite Max. potenza raffreddamento	Cooling maximum power limit	R/W	c.P.L	100.0	1	100.0	%	%	•	•	
44	**Lb.t**	Tempo di intervento allarme LBA	Waiting time for L.B.A. alarm intervention	R/W	0.0	500.0	1	30.0	min	min	•	•	
45	**bAu**	Baud rate seriale 1	Baud rate selection of serial 1	R/W	0	7	0	4	-	-	•	•	•

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
46	**Cod**	Codice identificazione strumento	Unit identification code	R/W	0	99	0	1	-	-	•	•	•
47	**PAr**	Parità comunicazione seriale 1	Parity selection of serial 1	R/W	0	2	0	0	-	-	•	•	•
52	**AL.3**	Allarme 3 (se di tipo relativo) [se di tipo relativoe simmetrico]	Alarm point 3 (if relative) [if relative and symmetrical]	R/W	-1999 (-999) [0]	9999 (999) [999]	Depending of A3.r	700	p.s.	S.p.	•	•	
53	**HY.3**	Isteresi allarme 3	Hysteresis alarm 3	R/W	-999	999	dP.S	-1	p.s.	S.p.	•	•	
54	**A3.t**	Tipo allarme 3	Alarm type 3	R/W	0	479	0	0	-	-	•	•	
55	**A.Hb**	Allarme HB	Alarm point HB	R/W	0	H.tA1	1	10.0	p.s.	S.p.	•	•	
56	**Hb.t**	Tempo di attesa allarme HB	Waiting time for HB alarm intervention	R/W	0	999	0	30	sec	sec	•	•	
57	**Hb.F**	Tipo allarme HB	Alarm type HB	R/W	0	28	0	0	-	-	•	•	
58	**AL.4**	Allarme 4 (se di tipo relativo) [se di tipo relativoe simmetrico]	Alarm point 4 (if relative) [if relative and symmetrical]	R/W	-1999 (-999) [0]	9999 (999) [999]	Depending of A4.r	800	p.s.	S.p.	•	•	
59	**HY.4**	Isteresi per allarme 4	Hysteresis alarm 4	R/W	-999	999	dP.S	-1	p.s.	S.p.	•	•	
76	**c.It**	Tempo integrale di raffreddamento	Cooling integral time	R/W	0.00	99.99	2	4.00	min	min	•	•	
77	**c.dt**	Tempo derivativo di raffreddamento	Cooling derivative time	R/W	0.00	99.99	2	1.00	min	min	•	•	
78	**rSt**	Manual reset	Manual reset	R/W	-999	999	dP.S	0	p.s.	S.p.	•	•	
79	**A.rS**	Antireset	Antireset	R/W	0	9999	dP.S	0	p.s.	S.p.	•	•	
80	**FFd**	Feedforward	Feedforward	R/W	-100.0	100.0	1	0.0	%	%	•	•	
85	**Err**	Codice errore dell'ingresso principale	Self-Diagnostic error code of main input	R	0	4	0	-	-	-	•	•	
86	**S.00**	Punto 0 scala custom	Custom scale point 0	R/W	-1999	9999	dP.S	0	p.s.	S.p.	•	•	•
87	**S.01**	Punto 1 scala custom	Custom scale point 1	R/W	-1999	9999	dP.S	31	p.s.	S.p.	•	•	•

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
88	**S.02**	Punto 2 scala custom	Custom scale point 2	R/W	-1999	9999	dP.S	62	p.s.	S.p.	•	•	•
89	**S.03**	Punto 3 scala custom	Custom scale point 3	R/W	-1999	9999	dP.S	94	p.s.	S.p.	•	•	•
90	**S.04**	Punto 4 scala custom	Custom scale point 4	R/W	-1999	9999	dP.S	125	p.s.	S.p.	•	•	•
91	**S.05**	Punto 5 scala custom	Custom scale point 5	R/W	-1999	9999	dP.S	156	p.s.	S.p.	•	•	•
92	**S.06**	Punto 6 scala custom	Custom scale point 6	R/W	-1999	9999	dP.S	187	p.s.	S.p.	•	•	•
93	**S.07**	Punto 7 scala custom	Custom scale point 7	R/W	-1999	9999	dP.S	219	p.s.	S.p.	•	•	•
94	**S.08**	Punto 8 scala custom	Custom scale point 8	R/W	-1999	9999	dP.S	250	p.s.	S.p.	•	•	•
95	**S.09**	Punto 9 scala custom	Custom scale point 9	R/W	-1999	9999	dP.S	281	p.s.	S.p.	•	•	•
96	**S.10**	Punto 10 scala custom	Custom scale point 10	R/W	-1999	9999	dP.S	312	p.s.	S.p.	•	•	•
97	**S.11**	Punto 11 scala custom	Custom scale point 11	R/W	-1999	9999	dP.S	344	p.s.	S.p.	•	•	•
98	**S.12**	Punto 12 scala custom	Custom scale point 12	R/W	-1999	9999	dP.S	375	p.s.	S.p.	•	•	•
99	**S.13**	Punto 13 scala custom	Custom scale point 13	R/W	-1999	9999	dP.S	406	p.s.	S.p.	•	•	•
100	**S.14**	Punto 14 scala custom	Custom scale point 14	R/W	-1999	9999	dP.S	437	p.s.	S.p.	•	•	•
101	**S.15**	Punto 15 scala custom	Custom scale point 15	R/W	-1999	9999	dP.S	469	p.s.	S.p.	•	•	•
102	**S.16**	Punto 16 scala custom	Custom scale point 16	R/W	-1999	9999	dP.S	500	p.s.	S.p.	•	•	•
103	**S.17**	Punto 17 scala custom	Custom scale point 17	R/W	-1999	9999	dP.S	531	p.s.	S.p.	•	•	•
104	**S.18**	Punto 18 scala custom	Custom scale point 18	R/W	-1999	9999	dP.S	562	p.s.	S.p.	•	•	•
105	**S.19**	Punto 19 scala custom	Custom scale point 19	R/W	-1999	9999	dP.S	594	p.s.	S.p.	•	•	•
106	**S.20**	Punto 20 scala custom	Custom scale point 20	R/W	-1999	9999	dP.S	625	p.s.	S.p.	•	•	•
107	**S.21**	Punto 21 scala custom	Custom scale point 21	R/W	-1999	9999	dP.S	656	p.s.	S.p.	•	•	•
108	**S.22**	Punto 22 scala custom	Custom scale point 22	R/W	-1999	9999	dP.S	687	p.s.	S.p.	•	•	•
109	**S.23**	Punto 23 scala custom	Custom scale point 23	R/W	-1999	9999	dP.S	719	p.s.	S.p.	•	•	•
110	**S.24**	Punto 24 scala custom	Custom scale point 24	R/W	-1999	9999	dP.S	750	p.s.	S.p.	•	•	•
111	**S.25**	Punto 25 scala custom	Custom scale point 25	R/W	-1999	9999	dP.S	781	p.s.	S.p.	•	•	•

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
112	**S.26**	Punto 26 scala custom	Custom scale point 26	R/W	-1999	9999	dP.S	812	p.s.	S.p.	•	•	•
113	**S.27**	Punto 27 scala custom	Custom scale point 27	R/W	-1999	9999	dP.S	844	p.s.	S.p.	•	•	•
114	**S.28**	Punto 28 scala custom	Custom scale point 28	R/W	-1999	9999	dP.S	875	p.s.	S.p.	•	•	•
115	**S.29**	Punto 29 scala custom	Custom scale point 29	R/W	-1999	9999	dP.S	906	p.s.	S.p.	•	•	•
116	**S.30**	Punto 30 scala custom	Custom scale point 30	R/W	-1999	9999	dP.S	937	p.s.	S.p.	•	•	•
117	**S.31**	Punto 31 scala custom	Custom scale point 31	R/W	-1999	9999	dP.S	969	p.s.	S.p.	•	•	•
118	**S.32**	Punto 32 scala custom	Custom scale point 32	R/W	-1999	9999	dP.S	1000	p.s.	S.p.	•	•	•
119	**Lb.P**	Potenza da allarme L.B.A.	Power limit for L.B.A. alarm condition	R/W	-100.0	100.0	1	25.0	%	%	•	•	
120	**-**	Manufact-Trade Mark (Gefran)	Manufact trade mark (Gefran)	R	-	-	0	5000	-	-	•	•	•
121	**-**	Device ID (GFX4-IR)	Device ID (GFX4-IR)	R	-	-	0	212	-	-	•	•	•
122	**UPd**	Versione software	Software Version	R	-	-	2	-	-	-	•	•	•
125	**-**	Riservato (Act: Tempo corsa attuatore)	Reserved (Act: actuator travel) time)	-	-	-	-	-	-	-	•	•	
126	**-**	Riservato (t_LO: Tempo minimo impulso/tempo corsa attuatore)	Reserved (t_LO: Impulse minimum time/actuator travel time)	-	-	-	-	-	-	-	•	•	
127	**-**	Riservato (db: Zona morta per valvole)	Reserved (db: Valve dead zone)	-	-	-	-	-	-	-	•	•	
132	**Ou.P**	Uscita di regolazione	Control output value	R	-100.0	100.0	1	-	%	%	•	•	
136	**SP.r**	Definizione Setpoint remoto	Remote setpoint type	R/W	0	63	0	0	-	-	•	•	
137	**SPA**	Setpoint attivo	Active setpoint	R	Lo.L	Hi.L	dP.S	-	p.s.	S.p.	•	•	
138	**SP**	Setpoint locale	Local setpoint	R/W	Lo.L	Hi.L	dP.S	0	p.s.	S.p.	•	•	
139	**I.tA1**	Valore ingresso TA fase 1	TA input value of phase 1	R	0.0	H.tA1	1	-	p.s.	S.p.	•	•	
140	**diG.**	Funzione ingresso digitale	Digital input function	R/W	0	112	0	0	-	-	•	•	•

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
142	**Lo.L**	Limite inferiore Setpoint	Lower limit for setting setpoint	R/W	Lo.S	Hi.S	dP.S	0	p.s.	S.p.	•	•	
143	**Hi.L**	Limite superiore Setpoint	Upper limit for setting setpoint	R/W	Lo.L	Hi.S	dP.S	1000	p.s.	S.p.	•	•	
146	**h.P.H**	Limite Max Potenza riscaldamento	Heating maximum power limit	R/W	0.0	100.0	1	100.0	%	%	•	•	
147	**SoF**	Tempo di Softstart/Dry Out	Softstart/Dry Out time	R/W	0.0	500.0	1	0.0	min	Min	•	•	
148	**h.Pb**	Banda proporzionale di riscaldamento	Heating proportional band	R/W	0.0	999.9	1	1.0	%	%	•	•	
149	**h.Pb**	Isteresi riscaldamento (ON/OFF)	Hysteresis for heating (ON/OFF)	R/W	0.0	999.9	1	1.0	%	%	•	•	
150	**h.It**	Tempo integrale di riscaldamento	Heating integral time	R/W	0.00	99.99	2	4.00	min	Min	•	•	
151	**h.dt**	Tempo derivativo di riscaldamento	Heating derivative time	R/W	0.00	99.99	2	1.00	min	Min	•	•	
152	**Ct.1**	Tempo di ciclo out1 (fast) [DIP5=ON]	Cycle time Out1 (fast) [DIP5=ON]	R/W	0 (0.0)	200 (20.0)	0 (1)	2 (0.2) [4]	sec	Sec	•	•	
159	**Ct.2**	Tempo di ciclo out2 (fast)	Cycle time Out2 (fast)	R/W	0 (0.0)	200 (20.0)	0 (1)	20 (2.0)	sec	sec	•	•	
160	**rL.1**	Riferimento uscita rL.1	RL.1 allocation of reference signal	R/W	0	181	0	0	-	-	•	•	
163	**rL.2**	Riferimento uscita rL.2	RL.2 allocation of reference signal	R/W	0	181	0	1	-	-	•	•	
166	**rL.3**	Riferimento uscita rL.3	rL.3 allocation of reference signal	R/W	2	181	0	2	-	-	•	•	
170	**rL.4**	Riferimento uscita rL.4	rL.4 allocation of reference signal	R/W	2	181	0	35	-	-	•	•	
171	**rL.5**	Riferimento uscita rL.5	rL.5 allocation of reference signal	R/W	2	181	0	4	-	-	•	•	
172	**rL.6**	Riferimento uscita rL.6	rL.6 allocation of reference signal	R/W	2	181	0	160	-	-	•	•	

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177	**AL.1**	Allarme 1 (se di tipo relativo) [se di tipo relativoe simmetrico]	Alarm point 1 (if relative) [if relative and symmetrical]	R/W	-1999 (-999) [0]	9999 (999) [999]	Depending of A1.r	500	p.s.	S.p.	•	•	
178	**AL.2**	Allarme 2 (se di tipo relativo) [se di tipo relativoe simmetrico]	Alarm point 2 (if relative) [if relative and symmetrical]	R/W	-1999 (-999) [0]	9999 (999) [999]	Depending of A2.r	100	p.s.	S.p.	•	•	
179	**Fld**	Filtro digitale ingresso principale	Main input digital filter	R/W	0.0	9.9	1	0.5	p.s..	S.p.	•	•	
180	**Ctr**	Tipo di controllo	Control type	R/W	0	206	0	134	-	-	•	•	
181	**tP.2**	Funzione ingresso analogico Ausiliario	Auxiliary analogue input function	R/W	0	10	0		-	-	•	•	
187	**HY.1**	Isteresi allarme 1	Hysteresis alarm 1	R/W	-999	999	dP.S	-1	p.s.	S.p.	•	•	
188	**HY.2**	Isteresi allarme 2	Hysteresis alarm 2	R/W	-999	999	dP.S	-1	p.s.	S.p.	•	•	
189	**HY.3**	Isteresi allarme 3	Hysteresis alarm 3	R/W	-999	999	dP.S	-1	p.s.	S.p.	•	•	
190	**C.Hd**	Codice configurazione hardware	Hardware configuration	R	0	16	0	-	-	-	•	•	•
191	**hd.1**	Definizione hardware 1	Hardware configuration 1	R/W	0	19	0	0	-	-	•	•	
194	**AI.2**	Selezione tipo sensore ingresso Ausiliario	Probe type for auxiliary input selection	R/W	0	99	0	0	-	-	•	•	
195	**AL.n**	Abilitazione allarmi	Select number of enabled alarms	R/W	0	63	0	3	-	-	•	•	
197	**Ld.St**	Funzione led status RN	Function of status led RN	R/W	0	28	0	16	-	-	•	•	•
215	**A1.r**	Riferimento per allarme 1	Select reference signal for alarm 1	R/W	0	5	0	0	-	-	•	•	
216	**A2.r**	Riferimento per allarme 2	Select reference signal for alarm 2	R/W	0	5	0	0	-	-	•	•	
217	**A3.r**	Riferimento per allarme 3	Select reference signal for alarm 3	R/W	0	5	0	0	-	-	•	•	

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
218	**A4.r**	Riferimento per allarme 4	Select reference signal for alarm 4	R/W	0	5	0	0	-	-	•	•	
219	**Ft.tA1**	Filtro ingresso TA	TA inputs digital filter	R/W	0.0	20.0	1	0.0	sec	sec	•	•	
220	**o.tA1**	Offset per ingresso TA1	Offset correction for TA1 input	R/W	-99.9	99.9	1	0.0	p.s.	S.p.	•	•	
224	**S.In**	Ingressi strumento virtuale	Virtual instrument inputs	R/W	0	63	0	0	-	-	•	•	
225	**S.Ou**	Uscite strumento virtuale	Virtual instrument outputs	R/W	0	1023	0	0	-	-	•	•	•
227	**I.tA1**	Valore ingresso TA fase 1	TA input value of phase 1	R	0.0	H.tA1	1	-	p.s.	S.p.	•	•	
228	**FA.P**	Uscita di fault action	Power output in fault condition	R/W	-100.0	100.0	1	0.0	%	%	•	•	
229	**REL**	Stato allarmi in fault action	Fault action (sets state in case of broken probe)	R/W	0	15	0	0	-	-	•	•	
230	**SP.1**	Setpoint 1	Setpoint 1	R/W	Lo.L	Hi.L	dP.S	100	p.s.	S.p.	•	•	
231	**SP.2**	Setpoint 2	Setpoint 2	R/W	Lo.L	Hi.L	dP.S	200	p.s.	S.p.	•	•	
232	**I.tV1**	Valore ingresso TV fase 1	TV input value of phase 1	R	0	H.tV1	1	-	p.s.	S.p.	•	•	
234	**G.SP**	Gradiente di Setpoint	Set gradient	R/W	0.0	999.9	1	0.0	digit/min	digit/min	•	•	
238	**-**	Riservato (ACT: Tempo corsa attuatore)	Reserved (ACT: Actuator travel time)	-	-	-	-	-	-	-	•	•	
239	**-**	Riservato (t_Lo: minima variazione potenza per attivazione valvola	Reserved (t_Lo: Impulse minimum time/actuator travel time	-	-	-	-	-	-	-	•	•	
240	**-**	Riservato (t_Hi: Soglia di intervento impulsivo	Reserved (t_Hi: Pulse alarm point	-	-	-	-	-	-	-	•	•	
241	**-**	Riservato (db: Zona morta per valvole	Reserved (db: Valve dead zone	-	-	-	-	-	-	-	•	•	
242	**-**	Riservato (Atty: Tipo controllo valvole	Reserved (Atty: Valves control type	-	-	-	-	-	-	-	•	•	

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
243	-	Riservato (t_on: tempo minimo impulso valvola	Reserved (t_on: ON time pulse valve	-	-	-	-	-	-	-	•	•	
244	-	Riservato (t_off: tempo di off intervento impulsivo valvola	Reserved (t_off: OFF time pulse valve	-	-	-	-	-	-	-	•	•	
245	-	Riservato (VALVPOS (valore intero posizione valvola – uso interno)	Reserved (VALVPOS (integer value valve position – factory use)	-	-	-	-	-	-	-	•	•	
246	-	Riservato (LSVV (valore frazionario posizione valvola – uso interno)	Reserved (LSVV (fractional value valve position – factory use)	-	-	-	-	-	-	-	•	•	
249	**SP.r**	Definizione Setpoint remoto	Remote setpoint type	R/W	0	63	0	0	-	-	•	•	
250	-	SERIAL_SP: Setpoint remoto da seriale	SERIAL_SP: remote setpoint from serial line	R/W	Lo.L	Hi.L	0	0	p.s.	S.p.	•	•	
252	-	MANUAL_POWER: Uscita regolazione manuale	MANUAL_POWER: Control output value in manual mode	R/W	-100.0	100.0	1	0	%	%	•	•	
254	**h.P.L**	Limite Min. potenza di riscaldamento	Heating minimum power limit	R/W	0.0	100.0	1	0.0	%	%	•	•	
255	**c.P.L**	Limite Min. potenza di raffredamento	Cooling minimum power limit	R/W	0.0	100.0	1	0.0	%	%	•	•	
258	**FAD_ OUTAN4**	Valore uscita analogica 4	Analogic retransmission output value 4	R	-	-	0	0.0	dac	dac			•
259	**G.S2**	Gradiente di set ausiliario riferito a SP2	Auxiliary set gradient for SP2	R/W	0.0	999.9	1	0.0	digit/min	digit/min	•	•	
260	**Pf.t**	Tempo di intervento dell'allarme di potenza	Power alarm delay time	R/W	0	999	0	0	Sec	Sec	•	•	
261	**b.St**	Banda di stabilità (canali caldi)	Steady band (hot runners)	R/W	0.0	100.0	1	0.0	%	%	•	•	
262	**b.PF**	Banda di allarme di potenza (canali caldi)	Power alarm band (hot runners)	R/W	0.0	100.0	1	0.0	%	%	•	•	

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
263	**SP.S**	Setpoint di softstart (canali caldi)	Softstart setpoint (hot runners)	R/W	Lo.L	Hi.L	dP.S	0.0	p.s.	p.s.	•	•	
264	**So.P**	Potenza di Softstart/Dry Out	Softstart/Dry Out power	R/W	-100.0	100.0	1	0.0	%	%	•	•	
265	**Hot**	Selezione funzioni associate ai canali caldi	Functions selection for hot runners	R/W	0	43	0		-	-	•	•	
266	-	CAL_OUTAN1_020MAL	CAL_OUTAN1_020MAL	R	0	65535	0	0	dac	dac			•
267	-	CAL_OUTAN1_020MAH	CAL_OUTAN1_020MAH	R	0	65535	0	65535	dac	dac			•
268	-	CAL_OUTAN1_420MAL	CAL_OUTAN1_420MAL	R	0	65535	0	0	dac	dac			•
269	-	CAL_OUTAN1_420MAH	CAL_OUTAN1_420MAH	R	0	65535	0	65535	dac	dac			•
270	-	CAL_OUTAN1_010VL	CAL_OUTAN1_010VL	R	0	65535	0	0	dac	dac			•
271	-	CAL_OUTAN1_010VH	CAL_OUTAN1_010VH	R	0	65535	0	65535	dac	dac			•
272	-	CAL_OUTAN1_210VL	CAL_OUTAN1_210VL	R	0	65535	0	13107	dac	dac			•
273	-	CAL_OUTAN1_210VH	CAL_OUTAN1_210VH	R	0	65535	0	65535	dac	dac			•
274	-	CAL_OUTAN2_020MAL	CAL_OUTAN2_020MAL	R	0	65535	0	0	dac	dac			•
275	-	CAL_OUTAN2_020MAH	CAL_OUTAN2_020MAH	R	0	65535	0	65535	dac	dac			•
276	-	CAL_OUTAN2_420MAL	CAL_OUTAN2_420MAL	R	0	65535	0	0	dac	dac			•
277	-	CAL_OUTAN2_420MAH	CAL_OUTAN2_420MAH	R	0	65535	0	65535	dac	dac			•
278	-	CAL_OUTAN2_010VL	CAL_OUTAN2_010VL	R	0	65535	0	0	dac	dac			•
279	-	CAL_OUTAN2_010VH	CAL_OUTAN2_010VH	R	0	65535	0	65535	dac	dac			•
280	-	CAL_OUTAN2_210VL	CAL_OUTAN2_210VL	R	0	65535	0	13107	dac	dac			•
281	-	CAL_OUTAN2_210VH	CAL_OUTAN2_210VH	R	0	65535	0	65535	dac	dac			•
282	-	CAL_OUTAN3_020MAL	CAL_OUTAN3_020MAL	R	0	65535	0	0	dac	dac			•
283	-	CAL_OUTAN3_020MAH	CAL_OUTAN3_020MAH	R	0	65535	0	65535	dac	dac			•
284	-	CAL_OUTAN3_420MAL	CAL_OUTAN3_420MAL	R	0	65535	0	0	dac	dac			•
285	-	CAL_OUTAN3_420MAH	CAL_OUTAN3_420MAH	R	0	65535	0	65535	dac	dac			•
286	-	CAL_OUTAN3_010VL	CAL_OUTAN3_010VL	R	0	65535	0	0	dac	dac			•
287	-	CAL_OUTAN3_010VH	CAL_OUTAN3_010VH	R	0	65535	0	65535	dac	dac			•
288	-	CAL_OUTAN3_210VL	CAL_OUTAN3_210VL	R	0	65535	0	13107	dac	dac			•
289	-	CAL_OUTAN3_210VH	CAL_OUTAN3_210VH	R	0	65535	0	65535	dac	dac			•
290	**FAD_ OUTAN1**	Valore uscita analogica 1	Analogic retransmission output value 1	R	-	-	0	0.0	dac	dac			•
291	**FAD_ OUTAN2**	Valore uscita analogica 2	Analogic retransmission output value 2	R	-	-	0	0.0	dac	dac			•
292	**FAD_ OUTAN3**	Valore uscita analogica 3	Analogic retransmission output value 3	R	-	-	0	0.0	dac	dac			•

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
293	**S.33**	Punto 33 scala custom	Custom scale point 33	R/W	-1999	9999	2	0.00	mV	mV	•	•	•
294	**S.34**	Punto 34 scala custom	Custom scale point 34	R/W	-1999	9999	2	0.01	mV	mV	•	•	•
295	**S.35**	Punto 35 scala custom	Custom scale point 35	R/W	-1999	9999	3	0.000	mV	mV	•	•	•
296	-	FLG_PID : bit3=selftuning attivo, bit4 = softstart in progress, bit6=autotuning attivo	FLG_PID : bit3=active selftuning, bit4 = softstart in progress, bit6=active autotuning	R	0	255	0	-	-	-	•	•	
297	-	CAL_OUTAN4_020MAL	CAL_OUTAN4_020MAL	R	0	65535	0	0	dac	dac			•
298	-	CAL_OUTAN4_020MAH	CAL_OUTAN4_020MAH	R	0	65535	0	65535	dac	dac			•
299	-	CAL_OUTAN4_420MAL	CAL_OUTAN4_420MAL	R	0	65535	0	0	dac	dac			•
300	-	CAL_OUTAN4_420MAH	CAL_OUTAN4_420MAH	R	0	65535	0	65535	dac	dac			•
301	-	CAL_OUTAN4_010VL	CAL_OUTAN4_010VL	R	0	65535	0	0	dac	dac			•
302	-	CAL_OUTAN4_010VH	CAL_OUTAN4_010VH	R	0	65535	0	65535	dac	dac			•
303	-	Riservato (VALADC_TA)	Reserved (VALADC_TA)	-	-	-	-	-	-	-	•	•	
304	-	Riservato (VALADC_TV)	Reserved (VALADC_TV)	-	-	-	-	-	-	-	•	•	
305	-	STATUS_W: bit1= SP1/ SP2, bit2= start/stop selftuning,bit3 = ON/OFF, bit4 = AUTO/MAN, bit5= start/stop autotuning, bit6 = LOC/REM.	STATUS_W: bit1= SP1/ SP2, bit2= start/stop selftuning,bit3 = ON/OFF, bit4 = AUTO/MAN, bit5= start/stop autotuning, bit6 = LOC/REM.	R/W	0	-	0	-	-	-	•	•	
306	-	CAL_OUTAN4_210VL	CAL_OUTAN4_210VL	R	0	65535	0	13107	dac	dac			•
307	-	CAL_OUTAN4_210VH	CAL_OUTAN4_210VH	R	0	65535	0	65535	dac	dac			•
308	-	Stato uscite rL.x X_OUTVAL	Stato uscite rL.x X_OUTVAL	R	0	64	0	-	-	-	•	•	
309	**Err**	Codice errore dell'ingresso principale	Self-Diagnostic error code of main input	R	0	4	0	-	-	-	•	•	
310	-	IN_ADC	IN_ADC	R	-	-	0	-	-	-	•	•	
311	-	Stato strumento PAGE	Stato strumento PAGE	R	0	-	0	-	-	-	•	•	•
312	-	Stato strumento ROW	Stato strumento ROW	R	0	-	0	-	-	-	•	•	•

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
313	-	Stato strumento BLOK_ PNTR	Stato strumento BLOK_ PNTR	R	0	-	0	-	-	-	•	•	•
314	-	Stato strumento ADD_VAR	Stato strumento ADD_VAR	R	0	-	0	-	-	-	•	•	•
315	**FrEq**	FREQUENZA	FREQUENCY	R	-	-	1	-	Hz	Hz	•	•	
316	-	Riservato (INTATV_ PRESENT)	Reserved (INTATV_ PRESENT)	-	-	-	-	-	-	-	•	•	
317	-	Stato ingressi digitali INPUT_DIG	Stato ingressi digitali INPUT_DIG	R	0	-	0	-	-	-	•	•	•
318	-	Stato allarmi ALSTATE_IRQ	Alarms status: ALSTATE_ IRQ	R	0	255	0	-	-	-	•	•	
319	-	Stato uscite rL.x MASKOUT	Output rL.x status MASKOUT	R	0	64	0	-	-	-	•	•	
320	-	Immagine tastiera NEW_ TAST	Keyboard image: NEW_ TAST	R	0	15	0	-	-	-	•	•	•
321	-	SERIAL_AL4: allarme 4 da seriale	SERIAL_AL4: alarm 4 from serial line	R/W	-1999	9999	Depending of A4.r	0	p.s.	S.p.	•	•	
322	**I.VF1**	Valore ingresso TV filtrato fase 1	Filtered TV input value of phase 1	R	0.0	H.tV1	0	-	-	-	•	•	
323	-	Riservato (RAM_CAL3_ MIN)	Reserved (RAM_CAL3_ MIN)	-	-	-	-	-	-	-	•	•	
324	-	Riservato (RAM_CAL3_ MAX)	Reserved (RAM_CAL3_ MAX)	-	-	-	-	-	-	-	•	•	
334	-	FAD_AUX	FAD_AUX	R	0	65535	0	-	ADC	ADC	•	•	
335	-	FAD_AUXTV	FAD_AUXTV	R	0	65535	0	-	ADC	ADC	•	•	
337	-	FAD_SOND	FAD_SOND	R	0	65535	0	-	ADC	ADC	•	•	
338	-	FAD_TAMB	FAD_TAMB	R	0	65535	0	-	ADC	ADC	•	•	•
339	-	FAD_ZERO	FAD_ZERO	R	0	65535	0	-	ADC	ADC	•	•	•
340	-	FAD_50	FAD_50	R	0	65535	0	-	ADC	ADC	•	•	•

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
341	-	SERIAL_AL1: allarme 1 da seriale	SERIAL_AL1: alarm 1 from serial line	R/W	-1999	9999	Depending of A1.r	0	p.s.	S.p.	•	•	
342	-	SERIAL_AL2: allarme 2 da seriale	SERIAL_AL2: alarm 2 from serial line	R/W	-1999	9999	Depending of A2.r	0	p.s.	S.p.	•	•	
343	-	SERIAL_AL3: allarme 3 da seriale	SERIAL_AL3: alarm 3 from serial line	R/W	-1999	9999	Depending of A3.r	0	p.s.	S.p.	•	•	
344	-	V_IN_OUT	V_IN_OUT	R/W	0	1024	0	-	-	-	•	•	•
345	-	STATUS6_W	STATUS6_W	R/W	0	255	0	-	-	-	•	•	
346	-	JUMPER_STATUS: stato jumper	JUMPER_STATUS	R	0	65536	0	-	-	-	•	•	•
347	-	SERIAL_PV	SERIAL_PV	R/W	Lo.S	Hi.S	dP.S	-	p.s.	S.p.	•	•	
348	-	SERIAL_IN2	SERIAL_IN2	R/W	LS.2	HS.2	dP.2	-	p.s.	S.p.	•	•	
349	-	DPV: variabile di processo display (filtrata da Fld)	DPV: display process variable (filtered by Fld)	R	Lo.S	Hi.S	dP.S	-	p.s.	S.p.	•	•	
350	-	DOT	DOT	R	0	255	0	-	-	-	•	•	
351	-	V_X_LEDS	V_X_LEDS	R/W	0	255	0	-	-	-	•	•	•
352	-	Riservato (RAM_CAL_MIN)	Reserved (RAM_CAL_MIN)	-	-	-	-	-	-	-	•	•	
353	-	Riservato (RAM_CAL_MAX)	Reserved (RAM_CAL_MAX)	-	-	-	-	-	-	-	•	•	
354	-	Riservato (RAM_CAL2_ MIN)	Reserved (RAM_CAL2_ MIN)	-	-	-	-	-	-	-	•	•	
355	-	Riservato (RAM_CAL2_ MAX)	Reserved (RAM_CAL2_ MAX)	-	-	-	-	-	-	-	•	•	
358	-	BLOK_CUS20MAL	BLOK_CUS20MAL	R	0	65535	0	-	-	-	•	•	
359	-	BLOK_CUS20MAH	BLOK_CUS20MAH	R	0	65535	0	-	-	-	•	•	
360	-	BLOK_CUS60L	BLOK_CUS60L	R	0	65535	0	-	-	-	•	•	
361	-	BLOK_CUS60H	BLOK_CUS60H	R	0	65535	0	-	-	-	•	•	
362	-	BLOK_CUSTAL	BLOK_CUSTAL	R	0	65535	0	-	-	-	•	•	

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
363	-	BLOK_CUSTAH	BLOK_CUSTAH	R	0	65535	0	-	-	-	•	•	
364	-	Riservato (BLOK_CUSTVL)	Reserved (BLOK_CUSTVL)	R	0	65535	0	-	-	-	•	•	
365	-	Riservato (BLOK_CUSTVH)	Reserved (BLOK_CUSTVH)	R	0	65535	0	-	-	-	•	•	
366	-	BLOK_CUSRTDL	BLOK_CUSRTDL	R	0	65535	0	-	-	-	•	•	
367	-	BLOK_CUSRTDH	BLOK_CUSRTDH	R	0	65535	0	-	-	-	•	•	
372	-	BLOK_CUSAUXL (TA1 min)	BLOK_CUSAUXL (TA1 min)	R	0	65535	0	-	-	-	•	•	
373	-	BLOK_CUSAUXH (TA1 max)	BLOK_CUSAUXH (TA1 max)	R	0	65535	0	-	-	-	•	•	
374	-	Riservato (BLOK_ CUSAUXTVL (TV1 min))	Reserved (BLOK_ CUSAUXTVL (TV1 min))	R	0	65535	0	-	-	-	•	•	
375	-	Riservato (BLOK_ CUSAUXTVH (TV1 max))	Reserved (BLOK_ CUSAUXTVH (TV1 max))	R	0	65535	0	-	-	-	•	•	
376	-	BLOK_C50	BLOK_C50	R	0	65535	0	-	-	-	•	•	
377	-	BLOK_CTA	BLOK_CTA	R	0	65535	0	-	-	-	•	•	
378	-	BLOK_PT100L	BLOK_PT100L	R	0	65535	0	-	-	-	•	•	
379	-	BLOK_PT100H	BLOK_PT100H	R	0	65535	0	-	-	-	•	•	
380	-	BLOK_JPT100L	BLOK_JPT100L	R	0	65535	0	-	-	-	•	•	
381	-	BLOK_JPT100H	BLOK_JPT100H	R	0	65535	0	-	-	-	•	•	
386	-	BLOK_60MVL	BLOK_60MVL	R	0	65535	0	-	-	-	•	•	
387	-	BLOK_60MVH	BLOK_60MVH	R	0	65535	0	-	-	-	•	•	
388	-	BLOK_20MAL	BLOK_20MAL	R	0	65535	0	-	-	-	•	•	
389	-	BLOK_20MAH	BLOK_20MAH	R	0	65535	0	-	-	-	•	•	
392	-	CAL_10VL	CAL_10VL	R	0	65535	0	3252	dac	dac			•
393	-	CAL_10VH	CAL_10VH	R	0	65535	0	41109	dac	dac			•
394	-	BLOK_1VL	BLOK_1VL	R	0	65535	0	-	-	-	•	•	

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
395	-	BLOK_1VH	BLOK_1VH	R	0	65535	0	-	-	-	•	•	
396	-	BLOK_CUSTAL	BLOK_CUSTAL	R	0	65535	0	-	-	-	•	•	
397	-	BLOK_CUSTAH	BLOK_CUSTAH	R	0	65535	0	-	-	-	•	•	
398	-	Riservato (BLOK_CUSTVL)	Reserved (BLOK_CUSTVL)	R	0	65535	0	-	-	-	•	•	
399	-	Riservato (BLOK_CUSTVH)	Reserved (BLOK_CUSTVH)	R	0	65535	0	-	-	-	•	•	
400	**tyP.**	Tipo sonda o ingresso lineare	Probe type, signal, enable custom linearization and main input scale	R/W	0	99	0	0	-	-	•	•	
401	**Lo.S**	Minimo scala	Scale minimum limit	R/W	-1999	9999	dP.S	0	p.s.	S.p.	•	•	
402	**Hi.S**	Massimo scala	Scale maximum limit	R/W	-1999	9999	dP.S	1000	p.s.	S.p.	•	•	
403	**dP.S**	Posizione del punto decimale	Decimal point position	R/W	0	3	-	0	-	-	•	•	
404	**LS.2**	Minimo scala per l'ingresso Ausiliario	Auxiliary input minimum range	R/W	-1999	9999	dP.2	0	p.s.	S.p.	•	•	
405	**H.tA1**	Max scala ingresso TA1 (per GFX4-IR con potenza 15kW/30kW/60kW/80kW)	TA1 input maximum scale limit (for GFX4-IR with power 15kW/30kW/60kW/80kW)	R/W	0.0	999.9	1	100.0 (10.0/20.0/40.0/60.0)	p.s.	S.p.	•	•	
406	**A1.t**	Tipo allarme 1	Alarm type 1	R/W	0	479	0	0	-	-	•	•	
407	**A2.t**	Tipo allarme 2	Alarm type 2	R/W	0	479	0	0	-	-	•	•	
408	**A3.t**	Tipo allarme 3	Alarm type 3	R/W	0	479	0	0	-	-	•	•	
409	**A4.t**	Tipo allarme 4	Alarm type 4	R/W	0	479	0	0	-	-	•	•	
410	**HS.tV1**	Max scala ingresso ausiliario TV	Auxiliary input TV scale maximum limit	R/W	0.0	999.9	1	530.0	p.s.	S.p.	•	•	
411	**oF.tV1**	Offset ingresso ausiliario TV	Auxiliary input TV offset correction	R/W	-99.9	99.9	1	0.0	p.s.	S.p.	•	•	
412	**Ft.tV1**	Filtro digitale ingressi ausiliari TV	TV inputs digital filter	R/W	0.0	20.0	1	2.0	sec	sec	•	•	

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
413	**H.tA2**	Max scala ingresso ausiliario TA 2 zona 2	Auxiliary input maximum range TA2 of zone 2	R/W	0.0	999.9	1	100.0	p.s.	S.p.	•	•	•
414	**H.tA3**	Max scala ingresso ausiliario TA 3 zona 3	Auxiliary input maximum range TA3 of zone 3	R/W	0.0	999.9	1	100.0	p.s.	S.p.	•	•	•
415	**o.tA2**	Offset per ingresso ausiliario TA 2 zona 2	Auxiliary input offset correction TA2 of zone 2	R/W	-99.9	99.9	1	0.0	p.s.	S.p.	•	•	•
416	**o.tA3**	Offset per ingresso ausiliario TA 3 zona 3	Auxiliary input offset correction TA3 of zone 3	R/W	-99.9	99.9	1	0.0	p.s.	S.p.	•	•	•
417	**H.tV2**	Max scala ingresso ausiliario TV 2 zona 2	Auxiliary input maximum range TV2 of zone 2	R/W	0.0	999.9	1	530.0	p.s.	S.p.	•	•	•
418	**H.tV3**	Max scala ingresso ausiliario TV 3 zona 3	Auxiliary input maximum range TV3 of zone 3	R/W	0.0	999.9	1	530.0	p.s.	S.p.	•	•	•
419	**o.tV2**	Offset per ingresso ausiliario TV 2 zona 2	Auxiliary input offset correction TV2 of zone 2	R/W	-99.9	99.9	1	0.0	p.s.	S.p.	•	•	•
420	**o.tV3**	Offset per ingresso ausiliario TV 3 zona 3	Auxiliary input offset correction TV3 of zone 3	R/W	-99.9	99.9	1	0.0	p.s.	S.p.	•	•	•
421	-	Riservato (RAP: Percentuale di Heat o Cool su Out7)	Reserved (RAP: Heat% or Cool% on Out7)	-	-	-	-	-	-	-	•	•	
422	-	BLOK_GE	BLOK_GE	R	0	65535	0	-	-	-	•	•	•
423	-	BLOK_FR	BLOK_FR	R	0	65535	0	-	-	-	•	•	•
424	-	BLOK_AN	BLOK_AN	R	0	65535	0	-	-	-	•	•	•
425	-	BLOK_GF	BLOK_GF	R	0	65535	0	-	-	-	•	•	•
426	-	BLOK_X4	BLOK_X4	R	0	65535	0	-	-	-	•	•	•
427	-	CHK_CONF	CHK_CONF	R	0	1	0	-	-	-	•	•	•
428	-	PROPBAND (autotuning)	PROPBAND (autotuning)	R	0.0	999.9	1	-	%	%	•	•	
429	-	INT_TIME (autotuning)	INT_TIME (autotuning)	R	0.0	99.99	2	-	min	min	•	•	
430	-	DER_TIME (autotuning)	DER_TIME (autotuning)	R	0.0	99.99	2	-	min	min	•	•	
431	-	CPRPBAND (autotuning)	CPRPBAND (autotuning)	R	0.0	999.9	1	-	%	%	•	•	

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
432	-	CINTTIME (autotuning)	CINTTIME (autotuning)	R	0.0	99.99	2	-	min	min	•	•	
433	-	CDERTIME (autotuning)	CDERTIME (autotuning)	R	0.0	99.99	2	-	min	min	•	•	
434	-	STATUS11		R/W	0	65535	0	-	-	-	•	•	
440	-	ROTARY_SW	ROTARY_SW	R	0	99	0	-	-	-	•	•	•
453	**L.tV1**	Min scala ingresso TV	TV input scale minimum limit	R	0.0	999.9	1	60.0	V				
454	**L.tV2**	Min scala ingresso TV zona 2	TV input minimum limit of zone 2	R	0.0	999.9	1	60.0	V	•			
455	**L.tV3**	Min scala ingresso TV zona 3	TV input minimum limit of zone 3	R	0.0	999.9	1	60.0	V	•			
458	-	CONF_UTENTE1	CONF_UTENTE1	R/W	0	65535	0	-	-	-	•	•	
459	-	CONF_UTENTE2	CONF_UTENTE2	R/W	0	65535	0	-	-	-	•	•	
460	-	CONF_UTENTE3	CONF_UTENTE3	R/W	0	65535	0	-	-	-	•	•	
461	-	CONF_UTENTE4	CONF_UTENTE4	R/W	0	65535	0	-	-	-	•	•	
462	-	CONF_UTENTE5	CONF_UTENTE5	R/W	0	65535	0	-	-	-	•	•	
464	-	STATUS11: bit0 = IN1 hold, bit1 = AL1…AL4 memory reset, bit2 = LBA reset, bit3 = PF alarms memory reset, bit4 = enable at software ON, bit5 = feedback calibration, bit6 = HB calibration, bit7 = Softstart/ Dry Out restart, bit9 = End Off Softstart/Dry Out	STATUS11: bit0 = IN1 hold, bit1 = AL1…AL4 memory reset, bit2 = LBA reset, bit3 = PF alarms memory reset, bit4 = enable at software ON, bit5 = feedback calibration, bit6 = HB calibration, bit7 = Softstart/ Dry Out restart, bit9 = End Off Softstart/Dry Out	R/W	0	65535	0	0	-	-			
465	-	RESERVED	RESERVED	R	-	-	-	-	-	-	•	•	•
466	-	RESERVED	RESERVED	R	-	-	-	-	-	-	•	•	•

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
467	-	STATUS_STRUMENTO: bit0 = (AL1 or AL2 or AL3 or AL4 or ALHB.TA1 or ALHB.TA2 or ALHB.TA3 or POWER_FAULT), bit1 = input Lo, bit2 = input Hi, bit3 = input Err, bit4 = input Sbr, bit5 = heat, bit6 = cool, bit7 = LBA, bit8 = AL1, bit9 = AL2, bit10 = AL3, bit11 = AL4, bit12 = ALHB or POWER_FAULT, bit13 = ON/OFF, bit14 = AUTO/ MAN, bit15 = LOC/REM	STATUS_STRUMENTO: bit0 = (AL1 or AL2 or AL3 or AL4 or ALHB.TA1 or ALHB.TA2 or ALHB.TA3 or POWER_FAULT), bit1 = input Lo, bit2 = input Hi, bit3 = input Err, bit4 = input Sbr, bit5 = heat, bit6 = cool, bit7 = LBA, bit8 = AL1, bit9 = AL2, bit10 = AL3, bit11 = AL4, bit12 = ALHB or POWER_FAULT, bit13 = ON/OFF, bit14 = AUTO/ MAN, bit15 = LOC/REM	R	0	65535	0	-	-	-	•	•	
468	**I.1on**	VALAUX_ON	VALAUX_ON	R	0	H.tA1	1	-	p.s.	S.p.	•	•	
469	-	STATUS_STRUMENTO1: bit0 = (AL1 or AL2 or AL3 or AL4 or ALHB.TA1 or ALHB.TA2 or ALHB.TA3 or POWER_FAULT), bit1 = input Lo, bit2 = input Hi, bit3 = input Err, bit4 = input Sbr, bit7 = LBA, bit8 = AL1, bit9 = AL2, bit10 = AL3, bit11 = AL4, bit12 = ALHB. TA1, bit13 = ALHB.TA2, bit14 = ALHB.TA3,bit 15 = selftuning attivo	STATUS_STRUMENTO1: bit0 = (AL1 or AL2 or AL3 or AL4 or ALHB.TA1 or ALHB.TA2 or ALHB.TA3 or POWER_FAULT), bit1 = input Lo, bit2 = input Hi, bit3 = input Err, bit4 = input Sbr, bit7 = LBA, bit8 = AL1, bit9 = AL2, bit10 = AL3, bit11 = AL4, bit12 = ALHB. TA1, bit13 = ALHB.TA2, bit14 = ALHB.TA3,bit 15 = selftuning attivo	R	0	65535	0	-	-	-	•	•	
470	**P.V.**	Variabile di Processo	Process variable	R	Lo.S	Hi.S	dP.S	-	p.s.	S.p.	•	•	
471	**Ou.P**	Uscita di regolazione	Control output value	R	-100.0	100.0	1	-	%	%	•	•	
472	**SP**	Setpoint locale	Local setpoint	R/W	Lo.L	Hi.L	dP.S	0	p.s.	S.p.	•	•	
473	**I.tA1**	Valore ingresso TA filtrato fase 1	Filtered TA input value of phase 1	R	0.0	H.tA1	1	-	p.s.	S.p.	•	•	
474	**A.Hb**	Allarme HB	Alarm point HB	R/W	0.0	H.tA1	1	10.0	p.s.	S.p.	•	•	

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
475	**AL.1**	Allarme 1 (se di tipo relativo) [se di tipo relativoe simmetrico]	Alarm point 1 (if relative) [if relative and symmetrical]	R/W	-1999 (-999) [0]	9999 (999) [999]	Depending of A1.r	500	p.s.	S.p.	•	•	
476	**AL.2**	Allarme 2 (se di tipo relativo) [se di tipo relativoe simmetrico]	Alarm point 2 (if relative) [if relative and symmetrical]	R/W	-1999 (-999) [0]	9999 (999) [999]	Depending of A2.r	100	p.s.	S.p.	•	•	
477	-	STATUS_STRUMENTO: bit0 = (AL1 or AL2 or AL3 or AL4 or ALHB.TA1 or ALHB.TA2 or ALHB.TA3 or POWER_FAULT), bit1 = input Lo, bit2 = input Hi, bit3 = input Err, bit4 = input Sbr, bit5 = heat, bit6 = cool, bit7 = LBA, bit8 = AL1, bit9 = AL2, bit10 = AL3, bit11 = AL4, bit12 = ALHB or POWER_FAULT, bit13 = ON/OFF, bit14 = AUTO/ MAN, bit15 = LOC/REM	STATUS_STRUMENTO: bit0 = (AL1 or AL2 or AL3 or AL4 or ALHB.TA1 or ALHB.TA2 or ALHB.TA3 or POWER_FAULT), bit1 = input Lo, bit2 = input Hi, bit3 = input Err, bit4 = input Sbr, bit5 = heat, bit6 = cool, bit7 = LBA, bit8 = AL1, bit9 = AL2, bit10 = AL3, bit11 = AL4, bit12 = ALHB or POWER_FAULT, bit13 = ON/OFF, bit14 = AUTO/ MAN, bit15 = LOC/REM	R	0	65535	0	-	-	-	•	•	
478	-	MANUAL_POWER: Uscita regolazione manuale	MANUAL_POWER: Control output value in manual mode	R/W	-100.0	100.0	1	-	%	%	•	•	
479	**AL.3**	Allarme 3 (se di tipo relativo) [se di tipo relativoe simmetrico]	Alarm point 3 (if relative) [if relative and symmetrical]	R/W	-1999 (-999) [0]	9999 (999) [999]	Depending of A3.r	700	p.s.	S.p.	•	•	
480	**AL.4**	Allarme 4 (se di tipo relativo) [se di tipo relativoe simmetrico]	Alarm point 4 (if relative) [if relative and symmetrical]	R/W	-1999 (-999) [0]	9999 (999) [999]	Depending of A4.r	800	p.s.	S.p.	•	•	
481	**SPA**	Setpoint attivo	Active setpoint	R	Lo.L	Hi.L	dP.S	0	p.s.	S.p.	•	•	
482	**SP.1**	Setpoint 1	Setpoint 1	R/W	Lo.L	Hi.L	dP.S	100	p.s.	S.p.	•	•	
483	**SP.2**	Setpoint 2	Setpoint 2	R/W	Lo.L	Hi.L	dP.S	200	p.s.	S.p.	•	•	
484	**c.SP**	Setpoint di raffreddamento	Setpoint for cooling relative to heating setpoint	R/W	-25.0	25.0	1	0.0	%	%	•	•	

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
485	**I.tV1**	Valore ingresso TV fase 1	TV input value of phase 1	R	0	H.tV1	1	-	p.s.	S.p.	•	•	
486	**-**	FAD_TA2	FAD_TA2	R	0	65535	0	-	ADC	ADC	•	•	•
487	**-**	FAD_TA3	FAD_TA3	R	0	65535	0	-	ADC	ADC	•	•	•
488	**-**	FAD_TV2	FAD_TV2	R	0	65535	0	-	ADC	ADC	•	•	•
489	**-**	FAD_TV3	FAD_TV3	R	0	65535	0	-	ADC	ADC	•	•	•
490	**I.tA2**	Valore ingresso TA fase 2 (zona 2)	TA input value of phase 2 (zone 2)	R	0.0	H.tA2	1	-	p.s.	S.p.	•	•	•
491	**I.tA3**	Valore ingresso TA fase 3 (zona 3)	TA input value of phase 3 (zone 3)	R	0.0	H.tA3	1	-	p.s.	S.p.	•	•	•
492	**I.tV2**	Valore ingresso TV fase 2 (zona 2)	TV input value of phase 2 (zone 2)	R	0.0	H.tV2	1	-	p.s.	S.p.	•	•	•
493	**I.tV3**	Valore ingresso TV fase 3 (zona 3)	TV input value of phase 3 (zone 3)	R	0.0	H.tV3	1	-	p.s.	S.p.	•	•	•
494	**I.AF2**	Valore ingresso TA filtrato fase 2 (zona 2)	Filtered TA input value of phase 2 (zone 2)	R	0.0	H.tA2	1	-	p.s.	S.p.	•	•	•
495	**I.AF3**	Valore ingresso TA filtrato fase 3 (zona 3)	Filtered TA input value of phase 3 (zone 3)	R	0.0	H.tA3	1	-	p.s.	S.p.	•	•	•
496	**I.VF2**	Valore ingresso TV filtrato fase 2 (zona 2)	Filtered TV input value of phase 2 (zone 2)	R	0.0	H.tV2	1	-	p.s.	S.p.	•	•	•
497	**I.VF3**	Valore ingresso TV filtrato fase 3 (zona 3)	Filtered TV input value of phase 3 (zone 3)	R	0.0	H.tV3	1	-	p.s.	S.p.	•	•	•
498	**I.2on**	VAL_TA2_ON zona 2	VAL_TA2_ON of zone 2	R	0.0	H.tA2	1	-	p.s.	S.p.	•	•	•
499	**I.3on**	VAL_TA3_ON zona 3	VAL_TA3_ON of zone 3	R	0.0	H.tA3	1	-	p.s.	S.p.	•	•	•
500	**-**	Riservato (RAM_ CALTA23TV23_MIN)	Reserved (RAM_ CALTA23TV23_MIN)	-	-	-	-	-	-	-	•	•	
501	**-**	Riservato (RAM_ CALTA23TV23_MAX)	Reserved (RAM_ CALTA23TV23_MAX)	-	-	-	-	-	-	-	•	•	
502	**A.Hb2**	Allarme HB TA2 zona 2	Alarm HB TA2 of zone 2	R/W	0.0	H.tA2	1	10.0	p.s.	S.p.	•	•	•

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
503	**A.Hb3**	Allarme HB TA3 zona 3	Alarm HB TA3 of zone 3	R/W	0.0	H.tA3	1	10.0	p.s.	S.p.	•	•	•
504	-	Stato allarmi HB ALSTATE_ HB: bit0= HB TA2 tempo on, bit1= HB TA2 tempo off, bit2= allarme HB TA2 Bit3= HB TA3 tempo on, bit4= HB TA3 tempo off, bit5= allarme HB TA3	Alarm status HB ALSTATE_ HB: bit0= HB TA2 time on, bit1= HB TA2 time off, bit2= alarm HB TA2 Bit3= HB TA3 time on, bit4= HB TA3 time off, bit5= alarm HB TA3	R	0	255	0	-	-	-	•	•	
505	**RIF**	Tensione di riferimento per correzione potenza manuale	Reference voltage for manual power correction	R/W	0.0	999.9	1	0.0	p.s.	S.p.	•	•	
506	**Cor**	Correzione potenza manuale	Manual power correction	R/W	0.0	100.0	1	0.0	%	%	•	•	
507	-	Potenza salvata in ON-OFF = OFF	Power saved in ON-OFF = OFF	R	-100.0	100.0	1	-	%	%	•	•	
508	**C.Hd1**	Codice configurazione hardware 1	Configuration hardware 1	R	0	255	0	-	-	-	•	•	•
509	-	Riservato (Stato V load STATE_VLOAD: bit0= VLOAD TA1, bit1= VLOAD TA2, bit2= VLOAD TA3)	Reserved (Status V load STATE_VLOAD: bit0= VLOAD TA1, bit1= VLOAD TA2, bit2= VLOAD TA3)	-	-	-	-	-	-	-	•	•	•
512	-	Stato allarmi ALSTATE: bit4 = allarme HB tempo on, bit5 = allarme HB tempo off, bit6 = allarme HB	Alarms status ALSTATE: bit4 = alarm HB on time, bit5 = alarm HB off time, bit6 = alarm HB	R	0	255	0	-	-	-	•	•	
513	**C.ME**	Fluido di raffreddamento	Cooling medium	R/W	0	2	0	0	-	-	•	•	
516	**P.rS**	Potenza di reset	Reset power	R/W	-100.0	100.0	1	0.0	%	%	•	•	
517	-	POWER_SET (canali caldi)	POWER_SET (hot runners)	R/W	-100.0	100.0	1	0.0	%	%	•	•	
519	**oFS.**	Offset ingresso principale	Offset correction for MAIN input	R/W	-999	999	dP.S	0	p.s.	S.p.	•	•	
521	-	BLOK_ 10VAUXL	BLOK_ 10VAUXL	R	0	65535	0	-	-	-	•	•	
522	-	BLOK_ 10VAUXH	BLOK_ 10VAUXH	R	0	65535	0	-	-	-	•	•	

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
523	-	BLOK_ 20MAAUXL	BLOK_ 20MAAUXL	R	0	65535	0	-	-	-	•	•	
524	-	BLOK_ 20MAAUXH	BLOK_ 20MAAUXH	R	0	65535	0	-	-	-	•	•	
525	-	BLOK_ CUSAUXPOTL	BLOK_ CUSAUXPOTL	R	0	65535	0	-	-	-	•	•	
526	-	BLOK_ CUSAUXPOTH	BLOK_ CUSAUXPOTH	R	0	65535	0	-	-	-	•	•	
527	-	BLOK_ TAAUXL	BLOK_ TAAUXL	R	0	65535	0	-	-	-	•	•	
528	-	BLOK_ TAAUXH	BLOK_ TAAUXH	R	0	65535	0	-	-	-	•	•	
529	-	Riservato (G.TA.2: GAIN TA2 (mV fondo scala))	Reserved (G.TA.2: GAIN TA2 (mV f.s))	-	-	-	-	-	-	-	•	•	
530	-	Riservato (G.TA.3: GAIN TA3 (mV fondo scala))	Reserved (G.TA.3 GAIN TA3 (mV f.s))	-	-	-	-	-	-	-	•	•	
531	-	Riservato (FAD_AUX_ PEAK)	Reserved (FAD_AUX_ PEAK)	-	-	-	-	-	-	-	•	•	
532	-	Riservato (FAD_AUXTV_ PEAK)	Reserved (FAD_AUXTV_ PEAK)	-	-	-	-	-	-	-	•	•	
533	-	INT_PW	INT_PW	R	-8191	8191	0	-	-	-	•	•	
600	-	Protezione Map 1	Map 1 protection	R/W	0	99	0	-	-	-		•	•
601	-	Protezione Map 2	Map 2 protection	R/W	0	99	0	-	-	-		•	•
602	**In.2**	Ingresso ausiliario	Auxiliary input	R	LS.2	HS.2	dP.2	-	-	-		•	
603	**HS.2**	Massimo scala ingresso ausiliario	Auxiliay input max scale	R/W	-1999	9999	dP.2	1000	p.s.	S.p.		•	
604	**Flt.2**	Filtro ingresso ausiliario	Auxiliary input digital filter	R/W	0.0	20.0	1	0.1	sec	sec		•	
605	**oFS.2**	Offset per ingresso ausiliario	Auxiliary input offset correction	R/W	-999	999	dP.2	0.0	p.s.	S.p.		•	
606	**Er.2**	Codice errore ingresso ausiliario	Auxiliary input self-diagnostic error code	R	0	20	0	-	-	-		•	
607	**out.1**	Attribuzione uscita OUT1	Allocation of output OUT1	R/W	0	50	0	1	-	-		•	•
608	**out.2**	Attribuzione uscita OUT2	Allocation of output OUT2	R/W	0	50	0	2	-	-		•	•

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609	**out.3**	Attribuzione uscita OUT3	Allocation of output OUT3	R/W	0	50	0	3	-	-		•	•
610	**out.4**	Attribuzione uscita OUT4	Allocation of output OUT4	R/W	0	50	0	4	-	-		•	•
611	**out.5**	Attribuzione uscita OUT5	Allocation of output OUT5	R/W	0	50	0	5	-	-		•	•
612	**out.6**	Attribuzione uscita OUT6	Allocation of output OUT6	R/W	0	50	0	6	-	-		•	•
613	**out.7**	Attribuzione uscita OUT7	Allocation of output OUT7	R/W	0	50	0	7	-	-		•	•
614	**out.8**	Attribuzione uscita OUT8	Allocation of output OUT8	R/W	0	50	0	8	-	-		•	•
615	**out.9**	Attribuzione uscita OUT9	Allocation of output OUT9	R/W	0	50	0	17	-	-		•	•
616	**out.10**	Attribuzione uscita OUT10	Allocation of output OUT10	R/W	0	50	0	18	-	-		•	•
617	**SPU**	Selezione variabile di processo di zona / potenza di riferimento di zona	Selection of zone process variable / reference power	R/W	0	12	0	1 (zone 1),2 (zone 2), 3 (zone 3), 4 (zone 4)	-	-		•	
618	**dIG.2**	Attribuzione stato ingresso digitale DI2	Allocation of digital input 2 status	R/W	0	112	0	0	-	-		•	•
619	**Ld.2**	Attribuzione funzione led ER	Allocation of ER led function	R/W	0	29	0	12	-	-		•	•
620	**Ld.3**	Attribuzione funzione led D1	Allocation of D1 led function	R/W	0	29	0	6	-	-		•	•
621	**Ld.4**	Attribuzione funzione led D2	Allocation of D2 led function	R/W	0	29	0	11	-	-		•	•
622	**Ld.5**	Attribuzione funzione led O1	Allocation of O1 led function	R/W	0	29	0	1	-	-		•	•
623	**Ld.6**	Attribuzione funzione led O2	Allocation of O2 led function	R/W	0	29	0	2	-	-		•	•
624	**Ld.7**	Attribuzione funzione led O3	Allocation of O3 led function	R/W	0	29	0	3	-	-		•	•
625	**Ld.8**	Attribuzione funzione led O4	Allocation of O4 led function	R/W	0	29	0	4	-	-		•	•
626	**bAu.2**	Baud rate seriale 2	Baudrate selection of serial 2	R/W	0	7	0	4	-	-		•	•
627	**PAr.2**	Parità comunicazione seriale 2	Parity selection of serial 2	R/W	0	2	0	0	-	-		•	•
628	**S.LI**	Led e ingressi digitali strumento virtuale	Virtual instrument led and digital input	R/W	0	1023	0	0	-	-		•	•

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
629	**PS.oF**	Tempo minimo di non conduzione per riattivare il softstart di fase	Minimun no-conduction time for restart the phase softstart	R/W	0	999	0	2	sec	sec		•	
630	**PS.Hi**	Fase massima di softstart	Max phase softstart	R/W	0	100.0	1	100.0	%	%		•	
631	-	Ripristino configurazione di default	Default configuration restore	R/W	0	99	0	0	-	-		•	•
632	-	STATUS_STRUMENTO2: bit0 = AL1, bit1 = AL.2, bit2 = AL.3, bit3 = AL.4, bit4 = AL.HB1, bit5 = AL.HB2, bit6 = AL.HB3, bit7 = AL.Lo, bit8 = AL.Hi, bit9 = AL.Err, bit10 = AL.Sbr, bit11 = AL.LBA, bit12 = AL.Power	STATUS_STRUMENTO2: bit0 = AL1, bit1 = AL.2, bit2 = AL.3, bit3 = AL.4, bit4 = AL.HB1, bit5 = AL.HB2, bit6 = AL.HB3, bit7 = AL.Lo, bit8 = AL.Hi, bit9 = AL.Err, bit10 = AL.Sbr, bit11 = AL.LBA, bit12 = AL.Power	R	0	65535	0	-	-	-		•	
633	-	STATUS_STRUMENTO3: bit0 = AL.SCRopen1, bit1 = AL.SCRopen2, bit2 = AL.SCRopen3, bit3 = AL.SCRshort1, bit4 = AL.SCRshort2, bit5 = AL.SCRshort3, bit6 = NoVoltage1, bit7 = NoVoltage2, bit8 = NoVoltage3, bit9 = NoCurrent1, bit10 = NoCurrent2, bit11 = NoCurrent3	STATUS_STRUMENTO3: bit0 = AL.SCRopen1, bit1 = AL.SCRopen2, bit2 = AL.SCRopen3, bit3 = AL.SCRshort1, bit4 = AL.SCRshort2, bit5 = AL.SCRshort3, bit6 = NoVoltage1, bit7 = NoVoltage2, bit8 = NoVoltage3, bit9 = NoCurrent1, bit10 = NoCurrent2, bit11 = NoCurrent3	R	0	65535	-	-	-	-		•	

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
634	-	STATUS_ STRUMENTO4:bit0 = SSR_sensor_broken bit1 = over_heat, bit2 phase_softstart_active, bit3 = phase_softstart_end, bit4 = frequency_error, bit5 = 60Hz, bit6 = short_circuit_current, bit7 = over_peak_current, bit8 = over_rms_current	STATUS_STRUMENTO4: bit0 = SSR_sensor_broken bit1 = over_heat, bit2 phase_softstart_active, bit3 = phase_softstart_end, bit4 = frequency_error, bit5 = 60Hz, bit6 = short_circuit_current, bit7 = over_peak_current, bit8 = over_rms_current	R	0	511	0	-	-	-		•	
635	-	INTAMB: temperatura interna	INTAMB: internal temperature	R	0	65535	0	-	-	-		•	•
636	-	FAD_SOND2	FAD_SOND2	R	0	65535	0	-	-	ADC		•	
637	-	FAD_3_WIRE_RTD	FAD_3_WIRE_RTD	R	0	65535	0	-	-	ADC		•	
638	-	FAD_PTC	FAD_PTC	R	0	65535	0	-	-	ADC		•	•
639	-	SERIAL_OUT5C: valore da seriale per uscita continua 5	SERIAL_OUT5C: continuous output 5 setting from serial	R/W	-100.0	100.0	1	-	-	-		•	•
640	-	SERIAL_OUT6C: valore da seriale per uscita continua 6	SERIAL_OUT6C: continuous output 6 setting from serial	R/W	-100.0	100.0	1	-	-	-		•	•
641	-	SERIAL_OUT7C: valore da seriale per uscita continua 7	SERIAL_OUT7C: continuous output 7 setting from serial	R/W	-100.0	100.0	1	-	-	-		•	•
642	-	SERIAL_OUT8C: valore da seriale per uscita continua 8	SERIAL_OUT8C: continuous output 8 setting from serial	R/W	-100.0	100.0	1	-	-	-		•	•
643	-	BLOK_PT1003FL	BLOK_PT1003FL	R	0	65535	0	-	-	-		•	
644	-	BLOK_PT1003FH	BLOK_PT1003FH	R	0	65535	0	-	-	-		•	
645	-	BLOK_JPT1003FL	BLOK_JPT1003FL	R	0	65535	0	-	-	-		•	
646	-	BLOK_JPT1003FH	BLOK_JPT1003FH	R	0	65535	0	-	-	-		•	

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
647	-	BLOK_CUSPT1003FL	BLOK_CUSPT1003FL	R	0	65535	0	-	-	-		•	
648	-	BLOK_CUSPT1003FH	BLOK_CUSPT1003FH	R	0	65535	0	-	-	-		•	
649	-	BLOK_CAL_C0 IN1	BLOK_CAL_C0 IN1	R	0	65535	0	-	-	-		•	
650	-	BLOK_CAL_C0 IN2	BLOK_CAL_C0 IN2	R	0	65535	0	-	-	-		•	
651	-	BLOK_C50 IN2	BLOK_C50 IN2	R	0	65535	0	-	-	-		•	
652	-	BLOK_CTA IN2	BLOK_CTA IN2	R	0	65535	0	-	-	-		•	
653	-	BLOK_60MVL IN2	BLOK_60MVL IN2	R	0	65535	0	-	-	-		•	
654		BLOK_60MVH IN2	BLOK_60MVH IN2	R	0	65535	0	-	-	-		•	
655	-	INPTC: temperatura SCR	INPTC: SCR temperature	R	0	150	0	-	-	-		•	•
656	-	BLOK_TAL	BLOK_TAL	R	0	1024	0	-	-	-		•	
657	-	BLOK_TAH	BLOK_TAH	R	0	1024	0	-	-	-		•	
658	-	BLOK_TVL	BLOK_TVL	R	0	1024	0	-	-	-		•	
659	-	BLOK_TVH	BLOK_TVH	R	0	1024	0	-	-	-		•	
660	**hd.2**	Definizione hardware 2: allarmi di diagnostica	Hardware configuration 2: diagnostic alarms	R/W	0	111	0	0	-	-		•	
661	**dG.t**	Frequenza per allarmi: SCR_SHORT e NO_ CURRENT	Frequency for alarms: SCR_ SHORT and NO_CURRENT	R/W	1	999	0	10	sec	sec		•	•
662	**dG.F**	Filtro in tempo per allarmi: NO_VOLTAGE e NO_ CURRENT	Ttime filter for alarms: NO_VOLTAGE and NO_ CURRENT	R/W	0	99	0	10	sec	sec		•	
663	**dG.P**	Potenza minima di attivazione allarme NO_ CURRENT	Min power for NO_ CURRENT alarm	R/W	0.0	100.0	1	10.0	%	%		•	
664	-	Stato uscite out.x MASKOUT_GFX4	Output out.x status MASKOUT_GFX4	R	0	1024	0	-	-	-		•	•
665	-	IN_TA_ON_DIAG	IN_TA_ON_DIAG	R	0.0	H.tA1	1	-	p.s.	S.p.		•	

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
666	-	IN_TA_OFF_DIAG	IN_TA_OFF_DIAG	R	0.0	H.tA1	1	-	p.s.	S.p.		•	
667	-	IN_TV_ON_DIAG	IN_TV_ON_DIAG	R	0.0	H.tV1	1	-	p.s.	S.p.		•	
668	-	IN_TV_OFF_DIAG	IN_TV_OFF_DIAG	R	0.0	H.tV1	1	-	p.s.	S.p.		•	
669	-	STATUS1_W	STATUS1_W	R/W	0	31	0	-	-	-		•	•
670	-	INOUTADC	INOUTADC _W	R	0	1024	0	-	ADC	ADC		•	•
671	-	INGTSADC	INGTSADC _W	R	0	1024	0	-	ADC	ADC		•	•
672	-	INFIELDADC	INFIELDADC _W	R	0	1024	0	-	ADC	ADC		•	•
673	-	INANAADC	INANAADC _W	R	0	1024	0	-	ADC	ADC		•	•
674	-	DEBUG_COUNTER	DEBUG_COUNTER	R	-	-	-	-	-	-		•	•
675	-	DERIVATIVE_ TEMPERATURE	DERIVATIVE_ TEMPERATURE	R	-	-	-	-	-	-		•	•
676	-	BLOK_CAL_INTERNAL_ PTC	BLOK_CAL_INTERNAL_ PTC	R	0	1024	0	-	-	-		•	
677	**dP.2**	Posizione del punto decimale ingresso ausiliario	Auxiliary input decimal point position	R/W	0	3	-	0	-	-		•	
678	-	TAMB_MAX	TAMB_MAX	R	-	-	-	-	-	-		•	•
679	-	PTC_MAX	PTC_MAX	R	-	-	-	-	-	-		•	•
680	**Hd.3**	Abilitazione gestione potenza euristica	Heuristic power managing enable	R/W	0	15	0	0	-	-		•	•
681	**I.HEU**	Corrente massima gestione potenza euristica	Heuristic power managing max current	R/W	0.0	160.0	1	0.0	-	-		•	•
682	**Hd.4**	Abilitazione gestione potenza eterogenea	Heterogeneous power managing enable	R/W	0	15	0	0	-	-		•	•
683	**I.HEt**	Corrente massima gestione potenza eterogenea	Heterogeneous power managing max current	R/W	0.0	160.0	1	0.0	-	-		•	•
684	-	PID_POWER	PID_POWER	R	-100.0	100.0	1	-	-	-		•	
685	-	SERIAL_INTA	SERIAL_INTA	R/W	0	H.tA1	1	0	p.s.	s.p.		•	

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
686	-	Heu_condition	Heu_condition	R	0	15	0	-	-	-		•	•
687	**C.Hd**	Codice configurazione hardware	Hardware configuration	R	0	16	0	-	-	-		•	•
688	**C.Hd1**	Codice configurazione hardware 1	Configuration hardware 1	R	0	255	0	-	-	-		•	•
689	-	JUMPER_STATUS: stato jumper	JUMPER_STATUS	R	0	65536	0	-	-	-		•	•
690	**S.In**	Ingressi strumento virtuale	Virtual instrument inputs	R/W	0	63	0	0	-	-		•	
691	**S.Ou**	Uscite strumento virtuale	Virtual instrument outputs	R/W	0	1023	0	0	-	-		•	•
692	-	I.1on adc points	I.1on adc points	R	0	1023	0	-	adc	adc		•	
693	**Upd.F**	Versione software scheda fieldbus	Fieldbus board software version	R	-	-	2	-	-	-		•	•
695	**Cod.F**	Codice scheda fieldbus	Fieldbus board code	R	-	-	0	-	-	-		•	•
696	**Bau.F**	Baud rate scheda fieldbus	Fieldbus board baud rate	R	-	-	0	-	-	-		•	•
697	**Upd.F**	Versione software scheda fieldbus	Fieldbus board software version	R	-	-	2	-	-	-		•	•
698	-	STATUS_W_EEP: bit1= SP1/SP2, bit2= start/stop selftuning,bit3 = ON/OFF, bit4 = AUTO/MAN, bit5= start/stop autotuning, bit6 = LOC/REM.	STATUS_W_EEP: bit1= SP1/SP2, bit2= start/stop selftuning,bit3 = ON/OFF, bit4 = AUTO/MAN, bit5= start/stop autotuning, bit6 = LOC/REM.	R	0	-	0	-	-	-		•	
699	**P.On.t**	Modalita' di accensione	Power-on mode	R/W	0	2	-	0	-	-		•	
700	**OFF.t**	Modalita' in spegnimento software	Software off mode	R/W	0	17	-	0	-	-		•	
701	-	SelfPhase	SelfPhase	R	-	-	-	-	-	-		•	

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
702	-	VOLTAGE_STATUS: bit0 = frequency_error, bit1 = 10%_unbalanced_warning, bit2 = 20%_unbalanced_ warning, bit3 = 30%_ unbalanced_warning, bit4 = rotation132, bit5 = angle_ error, bit6 = 60Hz	VOLTAGE_STATUS: bit0 = frequency_error, bit1 = 10%_unbalanced_warning, bit2 = 20%_unbalanced_ warning, bit3 = 30%_ unbalanced_warning, bit4 = rotation132, bit5 = angle_ error, bit6 = 60Hz	R	-	-	-	-	-	-			•
703	**Hd.5**	Abilitazione delle modalità di innesco [DIP5=ON]	Firing mode configuration [DIP5=ON]	R/W	0	511	0	141 [32]	-	-			
704	**bF.Cy**	Numero di cicli minimo della modalità BF [DIP5=ON]	Number of minimun cycles in BF mode [DIP5=ON]	R/W	1 [2]	10	0	1 [5]	-	-			
705	**PS.tm**	Durata della rampa di softstart di fase	Lenght of the phase softstart ramp	R/W	0.1	60.0	1	10.0	sec	sec			
706	**PS.tA**	Limite massimo della corrente di picco in softstart di fase (per GFX4-IR con potenza 15kW/30kW/60kW/80kW)	Max peak current during phase softstart (for GFX4-IR with 15kW/30kW/60kW/80kW power)	R/W	0.0	999.9	1	14.0/28.0/56.0/84.0	p.s.	s.p.			
707	**Fu.tA**	Limite massimo della corrente rms a regime (per GFX4-IR con potenza 15kW/30kW/60kW/80kW)	Max rms current during full working (for GFX4-IR with power 15kW/30kW/60kW/80kW)	R/W	0.0	999.9	1	7.5/15.0/30.0/60.0	p.s.	s.p.			
708	**dL.t**	Ritardo al primo innesco	Delay triggering	R/W	0	90	0	60	gradi	degrees			
709	**I.tAP**	Corrente di picco in softstart di fase	Peak current during phase softstart	R	0.0	999.9	1	0.0	p.s.	s.p.			
710	**I.V21**	Tensione concatenata V21	Phase-to-phase voltage V21	R	0.0	999.9	1	0.0	p.s.	s.p.			•
711	**I.V32**	Tensione concatenate V32	Phase-to-phase voltage V32	R	0.0	999.9	1	0.0	p.s.	s.p.			•
712	**I.V13**	Tensione concatenata V13	Phase-to-phase voltage V13	R	0.0	999.9	1	0.0	p.s.	s.p.			•
713	-	I.F21: fase concatenata F21	I.F21: phase-to-phase phase F21	R	-	-	-	-	-	-			•
714	-	I.F32: fase concatenata F32	I.F32: phase-to-phase phase F32	R	-	-	-	-	-	-			•

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
715	-	I.F13: fase concatenata F13	I.F13: phase-to-phase phase F13	R	-	-	-	-	-	-			•
716	**CoS.F**	Fattore di potenza	Power factor	R	0.00	1.00	2	0.0	-	-			
717	-	Lag.F	Lag.F	R	-	-	-	-	-	-			
718	-	inta_adc_peak	inta_adc_peak	R	-	-	-	-	-	-			
719	**Ld.P**	Potenza sul carico	Load power	R	0	65000	0	-	W	W			
720	**Ld.P.t**	Potenza sul carico trifase	Three-phase load power	R	0	65000	0	-	W	W			•
721	-	Virtual_F21	Virtual_F21	R/W	0	65535	0	0	-	-			•
722	-	Virtual_F32	Virtual_F32	R/W	0	65535	0	0	-	-			•
723	-	Virtual_F13	Virtual_F13	R/W	0	65535	0	0	-	-			•
724	-	LagV12	LagV12	R	0	65535	-	-	-	-			•
725	-	LagV23	LagV23	R	0	65535	-	-	-	-			•
726	-	LagV31	LagV31	R	0	65535	-	-	-	-			•
727	-	Virtual_V21	Virtual_V21	R/W	0	65535	0	0	-	-			•
728	-	Virtual_V32	Virtual_V32	R/W	0	65535	0	0	-	-			•
729	-	Virtual_V13	Virtual_V13	R/W	0	65535	0	0	-	-			•
730	**Hd.6**	Abilitazione della modalità di retroazione	Feedback mode configuration	R/W	0	6	0	0	-	-			
731	**Cor.V**	Correzione massima della retroazione di tensione	Max feedback voltage correction	R/W	0.0	100.0	1	100.0	%	%			
732	**Cor.I**	Correzione massima della retroazione di corrente	Max feedback current correction	R/W	0.0	100.0	1	100.0	%	%			
733	**Cor.P**	Correzione massima della retroazione di potenza	Max feedback power correction	R/W	0.0	100.0	1	100.0	%	%			
734	**riF.V**	Riferimento massima della retroazione di tensione	Feedback voltage reference	R/W	0.0	999.9	1	0.0	V	V			

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
735	**riF.I**	Riferimento massima della retroazione di corrente	Feedback current reference	R/W	0.0	999.9	1	0.0	A	A			
736	**riF.P**	Riferimento massima della retroazione di potenza	Feedback power reference	R/W	0.00	99.99	2	0.00	KW	KW			
737	**Hb.P**	Percentuale della soglia di corrente dell'allarme HB	Current threshold percentage of the HB alarm	R/W	0.0	100.0	1	80.0	%	%			
738	**dL.oF**	Tempo minimo di non conduzione per il delay triggering	Minimun no-conduction time for delay triggering	R/W	0	10000	0	5	ms	ms			
739	**-**	Feedback_power_correction	Feedback_power_correction	R	-100.0	100.0	1	0.0	%	%			
740	**Fb.Pb**	Banda proporzionale feedback	Feedback proportional band	R/W	0.0	999.9	1	100.0	%	%			
741	**Fb.It**	Velocità di risposta feedback	Feedback speed response	R/W	0.1	5.0	1	0.3	%	%			
742	**Hb.tA**	Ingresso TA da calibrazione HB	TA input of HB calibration	R/W	0.0	999.9	1	0.0	p.s.	s.p.			
743	**Hb.Pw**	Potenza da calibrazione HB	Power of HB calibration	RW	0.0	100.0	1	0.0	%	%			
744	**Hb.tr**	Soglia di corrente per allarme HB	Current threshold for HB alarm	R	0.0	999.9	1	0.0	p.s.	s.p.			
745	**-**	Current_power_correction	Current_power_correction	R	0.0	100.0	1	0.0	%	%			
746	**L.tA1**	Min scala ingresso TA1 (per GFX4-IR con potenza 15kW/30kW/60kW/80kW)	TA1 input min scale limit (for GFX4-IR with power 15kW/30kW/60kW/80kW)	R/W	0.0	999.9	1	0.0 (1.0/2.0/4.0/6.0)	p.s.	S.p.			
747	**L.tA2**	Min scala ingresso TA 2 zona 2 (per GFX4-IR con potenza 15kW/30kW/60kW/80kW)	Input min range TA2 of zone 2 (for GFX4-IR with power 15kW/30kW/60kW/80kW)	R/W	0.0	999.9	1	0.0 (1.0/2.0/4.0/6.0)	p.s.	S.p.			•
748	**L.tA3**	Min scala ingresso TA 3 zona 3 (per GFX4-IR con potenza 15kW/30kW/60kW/80kW)	Input min range TA3 of zone 3 (for GFX4-IR with power 15kW/30kW/60kW/80kW)	R/W	0.0	999.9	1	0.0 (1.0/2.0/4.0/6.0)	p.s.	S.p.			•
749	**Ld.I**	Impedenza sul carico	Load impedance	R	0	999	0	0	-	-			

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
750	**Ld.I.t**	Impedenza sul carico trifase	Three-phase load impedance	R	0	999	0	0	-	-			•
751	**Ld.V**	Tensione sul carico	Load voltage	R	0.0	999.9	1	0.0	p.s.	s.p.			
752	**Ld.V.t**	Tensione sul carico trifase	Three-phase load voltage	R	0.0	999.9	1	0.0	p.s.	s.p.			•
753	**Ld.A**	Corrente sul carico	Load current	R	0.0	999.9	1	0.0	p.s.	s.p.			
754	**Ld.A.t**	Corrente sul carico trifase	Three-phase load current	R	0.0	999.9	1	0.0	p.s.	s.p.			•
755	**-**	Power in Phase Angle	Phase Angle power	R	0.0	100.0	1	0.0	%	%			
756	**I.AF1**	Valore ingresso TA filtrato fase 1	Filtered TA input value of phase 1	R	0.0	H.tA1	1	-	p.s.	S.p.			
757	**-**	Feedback_reference	Feedback_reference	R	0	65000	0	0	-	-			
758	**Ir.00**	Punto 00 ingresso TA da calibrazione HB (solo per lampade IR)	TA input point 00 of HB calibration (only for IR lamps)	R/W	0.0	999.9	1	0.0	p.s.	s.p.			
759	**Ir.01**	Punto 01 ingresso TA da calibrazione HB (solo per lampade IR)	TA input point 01 of HB calibration (only for IR lamps)	R/W	0.0	999.9	1	0.0	p.s.	s.p.			
760	**Ir.02**	Punto 02 ingresso TA da calibrazione HB (solo per lampade IR)	TA input point 02 of HB calibration (only for IR lamps)	R/W	0.0	999.9	1	0.0	p.s.	s.p.			
761	**Ir.03**	Punto 03 ingresso TA da calibrazione HB (solo per lampade IR)	TA input point 03 of HB calibration (only for IR lamps)	R/W	0.0	999.9	1	0.0	p.s.	s.p.			
762	**-**	Inta_counter	Inta_counter	R	0	65000	0	0	-	-			
763	**G.Out**	Gradiente per uscita di controllo	Gradient for control output	R/W	0.0	200.0	1	0.0	%/s	%/s			
764	**Lo.P**	Uscita minima di innesco	Minimun firing output power	R/W	0.0	50.0	1	0.0	%	%			
765	**P.PEr**	Percentuale di potenza di uscita	Output power percentage	R/W	0.0	100.0	1	100.0	%	%			
766	**P.oFS**	Offset di potenza di uscita	Output power offset	R/W	-100.0	100.0	1	0.0	%	%			

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
767	**Ir.04**	Punto 04 ingresso TA da calibrazione HB (solo per lampade IR in modalità PA)	TA input point 04 of HB calibration (only for IR lamps in PA mode)	R/W	0.0	999.9	1	0.0	p.s.	s.p.			
768	**Ir.05**	Punto 05 ingresso TA da calibrazione HB (solo per lampade IR in modalità PA)	TA input point 05 of HB calibration (only for IR lamps in PA mode)	R/W	0.0	999.9	1	0.0	p.s.	s.p.			
769	**Ir.06**	Punto 06 ingresso TA da calibrazione HB (solo per lampade IR in modalità PA)	TA input point 06 of HB calibration (only for IR lamps in PA mode)	R/W	0.0	999.9	1	0.0	p.s.	s.p.			
772	**dL.tr**	Delay triggering con rotazione fasi 1-3-2	Delay triggering when phases rotation is 1-3-2	R/W	0	90	0	60	gradi	degrees			
773	**J.SEt**	Jumpers setting	Jumpers setting	R/W	0	1	-	0	-	-			•
774	**J.SEr**	Stato jumpers da seriale	Jumpers value from serial	R/W	0	65535	-	0	-	-			•
775	**Ld.P.t.kw**	Potenza trifase del carico in kW	Three-phase load power in kW	R	0.0	655.35	2	0	kW	kW			•
802	**ZCd.01**	Valore della variabile zone custom 1	Data of zone custom variable 1	(1)	(1)	(1)	(1)	(1)	(1)	(1)		•	
803	**ZCd.02**	Valore della variabile zone custom 2	Data of zone custom variable 2	(1)	(1)	(1)	(1)	(1)	(1)	(1)		•	
804	**ZCd.03**	Valore della variabile zone custom 3	Data of zone custom variable 3	(1)	(1)	(1)	(1)	(1)	(1)	(1)		•	
805	**ZCd.04**	Valore della variabile zone custom 4	Data of zone custom variable 4	(1)	(1)	(1)	(1)	(1)	(1)	(1)		•	
806	**ZCd.05**	Valore della variabile zone custom 5	Data of zone custom variable 5	(1)	(1)	(1)	(1)	(1)	(1)	(1)		•	
807	**ZCd.06**	Valore della variabile zone custom 6	Data of zone custom variable 6	(1)	(1)	(1)	(1)	(1)	(1)	(1)		•	
808	**ZCd.07**	Valore della variabile zone custom 7	Data of zone custom variable 7	(1)	(1)	(1)	(1)	(1)	(1)	(1)		•	
809	**ZCd.08**	Valore della variabile zone custom 8	Data of zone custom variable 8	(1)	(1)	(1)	(1)	(1)	(1)	(1)		•	

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
810	**ZCd.09**	Valore della variabile zone custom 9	Data of zone custom variable 9	(1)	(1)	(1)	(1)	(1)	(1)	(1)		•	
811	**ZCd.10**	Valore della variabile zone custom 10	Data of zone custom variable 10	(1)	(1)	(1)	(1)	(1)	(1)	(1)		•	
812	**ZCd.11**	Valore della variabile zone custom 11	Data of zone custom variable 11	(1)	(1)	(1)	(1)	(1)	(1)	(1)		•	
813	**ZCd.12**	Valore della variabile zone custom 12	Data of zone custom variable 12	(1)	(1)	(1)	(1)	(1)	(1)	(1)		•	
814	**ZCd.13**	Valore della variabile zone custom 13	Data of zone custom variable 13	(1)	(1)	(1)	(1)	(1)	(1)	(1)		•	
815	**ZCd.14**	Valore della variabile zone custom 14	Data of zone custom variable 14	(1)	(1)	(1)	(1)	(1)	(1)	(1)		•	
816	**ZCd.15**	Valore della variabile zone custom 15	Data of zone custom variable 15	(1)	(1)	(1)	(1)	(1)	(1)	(1)		•	
817	**ZCd.16**	Valore della variabile zone custom 16	Data of zone custom variable 16	(1)	(1)	(1)	(1)	(1)	(1)	(1)		•	
818	**ZCA.01**	Indirizzo della variabile zone custom 1	Address of zone custom variable 1	R/W (2)	0	1023	-	0	-	-		•	
819	**ZCA.02**	Indirizzo della variabile zone custom 2	Address of zone custom variable 2	R/W (2)	0	1023	-	0	-	-		•	
820	**ZCA.03**	Indirizzo della variabile zone custom 3	Address of zone custom variable 3	R/W (2)	0	1023	-	0	-	-		•	
821	**ZCA.04**	Indirizzo della variabile zone custom 4	Address of zone custom variable 4	R/W (2)	0	1023	-	0	-	-		•	
822	**ZCA.05**	Indirizzo della variabile zone custom 5	Address of zone custom variable 5	R/W (2)	0	1023	-	0	-	-		•	
823	**ZCA.06**	Indirizzo della variabile zone custom 6	Address of zone custom variable 6	R/W (2)	0	1023	-	0	-	-		•	
824	**ZCA.07**	Indirizzo della variabile zone custom 7	Address of zone custom variable 7	R/W (2)	0	1023	-	0	-	-		•	

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
825	**ZCA.08**	Indirizzo della variabile zone custom 8	Address of zone custom variable 8	R/W (2)	0	1023	-	0	-	-		•	
826	**ZCA.09**	Indirizzo della variabile zone custom 9	Address of zone custom variable 9	R/W (2)	0	1023	-	0	-	-		•	
827	**ZCA.10**	Indirizzo della variabile zone custom 10	Address of zone custom variable 10	R/W (2)	0	1023	-	0	-	-		•	
828	**ZCA.11**	Indirizzo della variabile zone custom 11	Address of zone custom variable 11	R/W (2)	0	1023	-	0	-	-		•	
829	**ZCA.12**	Indirizzo della variabile zone custom 12	Address of zone custom variable 12	R/W (2)	0	1023	-	0	-	-		•	
830	**ZCA.13**	Indirizzo della variabile zone custom 13	Address of zone custom variable 13	R/W (2)	0	1023	-	0	-	-		•	
831	**ZCA.14**	Indirizzo della variabile zone custom 14	Address of zone custom variable 14	R/W (2)	0	1023	-	0	-	-		•	
832	**ZCA.15**	Indirizzo della variabile zone custom 15	Address of zone custom variable 15	R/W (2)	0	1023	-	0	-	-		•	
833	**ZCA.16**	Indirizzo della variabile zone custom 16	Address of zone custom variable 16	R/W (2)	0	1023	-	0	-	-		•	
856	**SERIAL_ OUTA1**	Uscita analogica 1 scritta da seriale	Analog output 1 setting from serial line	R/W	0	65535	-	0	dac	dac			•
857	**SERIAL_ OUTA2**	Uscita analogica 2 scritta da seriale	Analog output 2 setting from serial line	R/W	0	65535	-	0	dac	dac			•
858	**SERIAL_ OUTA3**	Uscita analogica 3 scritta da seriale	Analog output 3 setting from serial line	R/W	0	65535	-	0	dac	dac			•
859	**SERIAL_ OUTA4**	Uscita analogica 4 scritta da seriale	Analog output 4 setting from serial line	R/W	0	65535	-	0	dac	dac			•
860	**tP.AO4**	Tipologia uscita analogica 4	Type of analog output 4	R/W	0	19	0	2	-	-			•
861	**rF.AO4**	Riferimento uscita analogica	Reference signal of analog output	R/W	0	154	0	128	-	-			•
862	**LS.AO4**	Limite minimo di scala uscita analogica 4	Minimum limit of analog output 4	R/W	-32768	32767	-	0	-	-			•
863	**HS.AO4**	Limite massimo di scala uscita analogica 4	Maximum limit of analog output 4	R/W	0	32767	-	1000	-	-			•

Address	Item	Descrizione	Description	R/W	Min	Max	Dp	Default	Unità di misura	Unit of measure	GFX compatible address	GFX4 compatible address	Global
865	**tP.AO1**	Tipologia uscita analogica 1	Type of analog output 1	R/W	0	19	0	2	-	-			•
866	**tP.AO2**	Tipologia uscita analogica 2	Type of analog output 2	R/W	0	19	0	2	-	-			•
867	**tP.AO3**	Tipologia uscita analogica 3	Type of analog output 3	R/W	0	19	0	2	-	-			•
868	**rF.AO1**	Riferimento uscita analogica 1	Reference signal of analog output 1	R/W	0	154	0	0	-	-			•
869	**rF.AO2**	Riferimento uscita analogica 2	Reference signal of analog output 2	R/W	0	154	0	32	-	-			•
870	**rF.AO3**	Riferimento uscita analogica 3	Reference signal of analog output 3	R/W	0	154	0	64	-	-			•
871	**LS.AO1**	Limite minimo di scala uscita analogica 1	Minimum limit of analog output 1	R/W	-32768	32767	-	0	-	-			•
872	**LS.AO2**	Limite minimo di scala uscita analogica 2	Minimum limit of analog output 2	R/W	-32768	32767	-	0	-	-			•
873	**LS.AO3**	Limite minimo di scala uscita analogica 3	Minimum limit of analog output 3	R/W	-32768	32767	-	0	-	-			•
874	**HS.AO1**	Limite massimo di scala uscita analogica 1	Maximum limit of analog output 1	R/W	0	32767	-	1000	-	-			•
875	**HS.AO2**	Limite massimo di scala uscita analogica 2	Maximum limit of analog output 2	R/W	0	32767	-	1000	-	-			•
876	**HS.AO3**	Limite massimo di scala uscita analogica 3	Maximum limit of analog output 3	R/W	0	32767	-	1000	-	-			•
32768…33023	-	Riservato fieldbus	Fieldbus reserved	-	-	-	-	-	-	-	•	•	•
65535	-	Riservato fieldbus	Fieldbus reserved	-	-	-	-	-	-	-	•	•	•

NOTE:
(1) Depending of the relative address AZC.xx
(2) Volatile memory

ZONE MAP (1bit access)

Address	Descrizione	Description	R/W	GFX compatible address	GFX4 compatible address
0	Selftuning attivo	Selftuning active	R	•	•
1	Automatico (= 0) / Manuale (= 1)	Auto (= 0) / Manual (= 1)	R/W	•	•
3	Selftuning Stop (= 0) / Start (= 1)	Selftuning Stop (= 0) / Start (= 1)	R/W	•	•
4	Stato AL1	AL1 status	R	•	•
5	Stato AL2	AL2 status	R	•	•
8	Stato allarme LBA	Alarm LBA status	R	•	•
9	Sensore rotto SBR	Sensor break Sbr	R	•	•
10	SP Locale / Remoto	Local/Remote SP	R/W	•	•
11	On (= 0) / Off (= 1) Software	On (= 0) / Off (= 1) software	R/W	•	•
12	Stato Out1	Out1 status	R	•	•
13	Stato Out2	Out2 status	R	•	•
14	Stato Out3	Out3 status	R	•	•
15	Stato Out4	Out4 status	R	•	•
16	Stato Out5	Out5 status	R	•	•
17	Stato Out6	Out6 status	R	•	•
26	Stato allarme HB (OR TA1-TA2-TA3) OR FAULT_POWER	Alarm status HB (OR TA1-TA2-TA3) OR FAULT_POWER	R	•	•
28	Autotuning attivo	Autotuning active	R	•	•
29	Autotuning Stop (= 0) / Start (= 1)	Autotuning stop (= 0) / start (= 1)	R/W	•	•
30	Softstart\Dry Out restart	Softstart\Dry Out restart	R/W	•	•
36	AL3 diretto/inverso	AL3 direct/inverse	R/W	•	•
37	AL3 assoluto/relativo	AL3 absolute/relative	R/W	•	•
38	AL3 normale/simmetrico	AL3 normal/symmetrical	R/W	•	•
39	AL3 disabilitato all'accensione	AL3 disabled in power on	R/W	•	•

Address	Descrizione	Description	R/W	GFX compatible address	GFX4 compatible address
40	AL3 con memoria	AL3 with memory	R/W	•	•
46	AL1 diretto/inverso	AL1 direct/inverse	R/W	•	•
47	AL1 assoluto/relativo	AL1 absolute/relative	R/W	•	•
48	AL1 normale/simmetrico	AL1 normal/symmetrical	R/W	•	•
49	AL1 disabilitato all'accensione	AL1 disabled in power on	R/W	•	•
50	AL1 con memoria	AL1 with memory	R/W	•	•
54	AL2 diretto/inverso	AL2 direct/inverse	R/W	•	•
55	AL2 assoluto/relativo	AL2 absolute/relative	R/W	•	•
56	AL2 normale/simmetrico	AL2 normal/symmetrical	R/W	•	•
57	AL2 disabilitato all'accensione	AL2 disabled in power on	R/W	•	•
58	AL2 con memoria	AL2 with memory	R/W	•	•
62	Stato AL3	AL3 status	R	•	•
63	Softstart/Dry out in corso	Softstart/Dry out active	R	•	•
64	Ingresso di Hold attivo	Input of hold active	R/W	•	•
68	Stato ingresso digitale DI1	Digital input status DI1	R	•	•
69	Stato AL4	AL4 status	R	•	•
70	AL4 diretto/inverso	AL4 direct/inverse	R/W	•	•
71	AL4 assoluto/relativo	AL4 absolute/relative	R/W	•	•
72	AL4 normale/simmetrico	AL4 normal/symmetrical	R/W	•	•
73	AL4 disabilitato all'accensione	AL4 disabled in power on	R/W	•	•
74	AL4 con memoria	AL4 with memory	R/W	•	•
75	Selezione SP1-SP2 (0=SP1, 1=SP2)	SP1-SP2 selection (0=SP1, 1=SP2)	R/W	•	•
76	Stato allarme HB fase 1 TA	Alarm status HB phase 1 TA	R	•	•
77	Stato allarme HB fase 2 TA	Alarm status HB phase 2 TA	R	•	•

Address	Descrizione	Description	R/W	GFX compatible address	GFX4 compatible address
78	Stato allarme HB fase 3 TA	Alarm status HB phase 3 TA	R	•	•
79	Reset memoria allarmi	Alarm reset memory	R/W	•	•
80	Stato allarme di potenza (hot runners)	Power alarm status (hot runners)	R	•	•
81	Reset allarme LBA	Alarm LBA reset	R/W		•
82	Stato uscita OUT1	Output OUT1 status	R		•
83	Stato uscita OUT2	Output OUT2 status	R		•
84	Stato uscita OUT3	Output OUT3 status	R		•
85	Stato uscita OUT4	Output OUT4 status	R		•
86	Stato uscita OUT5	Output OUT5 status	R		•
87	Stato uscita OUT6	Output OUT6 status	R		•
88	Stato uscita OUT7	Output OUT7 status	R		•
89	Stato uscita OUT8	Output OUT8 status	R		•
90	Stato uscita OUT9	Output OUT9 status	R		•
91	Stato uscita OUT10	Output OUT10 status	R		•
92	Stato ingresso digitale DI2	Digital input DI2 status	R		•
96	Stato allarme SCR_SHORT fase 1	SCR_SHORT alarm status phase 1	R		•
97	Stato allarme SCR_SHORT fase 2	SCR_SHORT alarm status phase 2	R		•
98	Stato allarme SCR_SHORT fase 3	SCR_SHORT alarm status phase 3	R		•
99	Stato allarme NO_VOLTAGE fase 1	NO_VOLTAGE alarm status phase 1	R		•
100	Stato allarme NO_VOLTAGE fase 2	NO_VOLTAGE alarm status phase 2	R		•
101	Stato allarme NO_VOLTAGE fase 3	NO_VOLTAGE alarm status phase 3	R		•
102	Stato allarme NO_ CURRENT fase 1	NO_ CURRENT alarm status phase 1	R		•
103	Stato allarme NO_ CURRENT fase 2	NO_ CURRENT alarm status phase 2	R		•
104	Stato allarme NO_ CURRENT fase 3	NO_ CURRENT alarm status phase 3	R		•

Address	Descrizione	Description	R/W	GFX compatible address	GFX4 compatible address
105	Reset allarmi SCR_SHORT/NO_VOLTAGE/NO_CURRENT	Reset OPEN/SCR_SHORT/NO_VOLTAGE/NO_CURRENT alarms	R/W		•
106	Phase softstart in corso	Phase softstart active	R		
107	Phase softstart terminata	Phase softstart end	R		
108	Ripartenza phase softstart/Dry Out	Phase softstart/Dry Out restart	R/W		
112	Calibrazione della soglia dell'allarme HB	Calibration of the HB alarm threshold	R/W		
113	Calibrazione del riferimento della retroazione	Calibration of the feedback reference	R/W		
114	Terminare fase di Dry Out/Softstart	End off Softstart/Dry Out	R/W		

CUSTOM MAP (16bit access)

Address	Descrizione	Description	Default		Type	GFX compatible address	GFX4 compatible address
			Description	Zone			
0	Variabile custom 1	Custom variable 1	PV	1	Custom		•
1	Variabile custom 2	Custom variable 2	SPA	1	Custom		•
2	Variabile custom 3	Custom variable 3	_SP	1	Custom		•
3	Variabile custom 4	Custom variable 4	In.2	1	Custom		•
4	Variabile custom 5	Custom variable 5	I.tA1	1	Custom		•
5	Variabile custom 6	Custom variable 6	AL.1	1	Custom		•
6	Variabile custom 7	Custom variable 7	AL.2	1	Custom		•
7	Variabile custom 8	Custom variable 8	A1.t	1	Custom		•
8	Variabile custom 9	Custom variable 9	A2.t	1	Custom		•
9	Variabile custom 10	Custom variable 10	AL.n	1	Custom		•
10	Variabile custom 11	Custom variable 11	A.Hb1	1	Custom		•
11	Variabile custom 12	Custom variable 12	Ou.P	1	Custom		•
12	Variabile custom 13	Custom variable 13	MAN_POWER	1	Custom		•
13	Variabile custom 14	Custom variable 14	STATUS_W	1	Custom		•
14	Variabile custom 15	Custom variable 15	STATUS_STRUMENTO	1	Custom		•
15	Variabile custom 16	Custom variable 16	STATUS_STRUMENTO1	1	Custom		•
16	Variabile custom 17	Custom variable 17	STATUS_STRUMENTO2	1	Custom		•
17	Variabile custom 18	Custom variable 18	STATUS_STRUMENTO3	1	Custom		•
18	Variabile custom 19	Custom variable 19	STATUS_STRUMENTO4	1	Custom		•
19	Variabile custom 20	Custom variable 20	tyP.	1	Custom		•
20	Variabile custom 21	Custom variable 21	Ctr	1	Custom		•
21	Variabile custom 22	Custom variable 22	S.tu	1	Custom		•
22	Variabile custom 23	Custom variable 23	tP.2	1	Custom		•

Address	Descrizione	Description	Default		Type	GFX compatible address	GFX4 compatible address
			Description	Zone			
23	Variabile custom 24	Custom variable 24	rL.1	1	Custom		•
24	Variabile custom 25	Custom variable 25	rL.2	1	Custom		•
25	Variabile custom 26	Custom variable 26	rL.3	1	Custom		•
26	Variabile custom 27	Custom variable 27	rL.4	1	Custom		•
27	Variabile custom 28	Custom variable 28	Ct.1	1	Custom		•
28	Variabile custom 29	Custom variable 29	Ct.2	1	Custom		•
29	Variabile custom 30	Custom variable 30	PV	2	Custom		•
30	Variabile custom 31	Custom variable 31	SPA	2	Custom		•
31	Variabile custom 32	Custom variable 32	_SP	2	Custom		•
32	Variabile custom 33	Custom variable 33	In.2	2	Custom		•
33	Variabile custom 34	Custom variable 34	I.tA1	2	Custom		•
34	Variabile custom 35	Custom variable 35	AL.1	2	Custom		•
35	Variabile custom 36	Custom variable 36	AL.2	2	Custom		•
36	Variabile custom 37	Custom variable 37	A1.t	2	Custom		•
37	Variabile custom 38	Custom variable 38	A2.t	2	Custom		•
38	Variabile custom 39	Custom variable 39	AL.n	2	Custom		•
39	Variabile custom 40	Custom variable 40	A.Hb1	2	Custom		•
40	Variabile custom 41	Custom variable 41	Ou.P	2	Custom		•
41	Variabile custom 42	Custom variable 42	MAN_POWER	2	Custom		•
42	Variabile custom 43	Custom variable 43	STATUS_W	2	Custom		•
43	Variabile custom 44	Custom variable 44	STATUS_STRUMENTO	2	Custom		•
44	Variabile custom 45	Custom variable 45	STATUS_STRUMENTO1	2	Custom		•
45	Variabile custom 46	Custom variable 46	STATUS_STRUMENTO2	2	Custom		•
46	Variabile custom 47	Custom variable 47	STATUS_STRUMENTO3	2	Custom		•

Address	Descrizione	Description	Default		Type	GFX compatible address	GFX4 compatible address
			Description	Zone			
47	Variabile custom 48	Custom variable 48	STATUS_STRUMENTO4	2	Custom		•
48	Variabile custom 49	Custom variable 49	tyP.	2	Custom		•
49	Variabile custom 50	Custom variable 50	Ctr	2	Custom		•
50	Variabile custom 51	Custom variable 51	S.tu	2	Custom		•
51	Variabile custom 52	Custom variable 52	tP.2	2	Custom		•
52	Variabile custom 53	Custom variable 53	rL.1	2	Custom		•
53	Variabile custom 54	Custom variable 54	rL.2	2	Custom		•
54	Variabile custom 55	Custom variable 55	rL.3	2	Custom		•
55	Variabile custom 56	Custom variable 56	rL.4	2	Custom		•
56	Variabile custom 57	Custom variable 57	Ct.1	2	Custom		•
57	Variabile custom 58	Custom variable 58	Ct.2	2	Custom		•
58	Variabile custom 59	Custom variable 59	PV	3	Custom		•
59	Variabile custom 60	Custom variable 60	SPA	3	Custom		•
60	Variabile custom 61	Custom variable 61	_SP	3	Custom		•
61	Variabile custom 62	Custom variable 62	In.2	3	Custom		•
62	Variabile custom 63	Custom variable 63	I.tA1	3	Custom		•
63	Variabile custom 64	Custom variable 64	AL.1	3	Custom		•
64	Variabile custom 65	Custom variable 65	AL.2	3	Custom		•
65	Variabile custom 66	Custom variable 66	A1.t	3	Custom		•
66	Variabile custom 67	Custom variable 67	A2.t	3	Custom		•
67	Variabile custom 68	Custom variable 68	AL.n	3	Custom		•
68	Variabile custom 69	Custom variable 69	A.Hb1	3	Custom		•
69	Variabile custom 70	Custom variable 70	Ou.P	3	Custom		•
70	Variabile custom 71	Custom variable 71	MAN_POWER	3	Custom		•

Address	Descrizione	Description	Default		Type	GFX compatible address	GFX4 compatible address
			Description	Zone			
71	Variabile custom 72	Custom variable 72	STATUS_W	3	Custom		•
72	Variabile custom 73	Custom variable 73	STATUS_STRUMENTO	3	Custom		•
73	Variabile custom 74	Custom variable 74	STATUS_STRUMENTO1	3	Custom		•
74	Variabile custom 75	Custom variable 75	STATUS_STRUMENTO2	3	Custom		•
75	Variabile custom 76	Custom variable 76	STATUS_STRUMENTO3	3	Custom		•
76	Variabile custom 77	Custom variable 77	STATUS_STRUMENTO4	3	Custom		•
77	Variabile custom 78	Custom variable 78	tyP.	3	Custom		•
78	Variabile custom 79	Custom variable 79	Ctr	3	Custom		•
79	Variabile custom 80	Custom variable 80	S.tu	3	Custom		•
80	Variabile custom 81	Custom variable 81	tP.2	3	Custom		•
81	Variabile custom 82	Custom variable 82	rL.1	3	Custom		•
82	Variabile custom 83	Custom variable 83	rL.2	3	Custom		•
83	Variabile custom 84	Custom variable 84	rL.3	3	Custom		•
84	Variabile custom 85	Custom variable 85	rL.4	3	Custom		•
85	Variabile custom 86	Custom variable 86	Ct.1	3	Custom		•
86	Variabile custom 87	Custom variable 87	Ct.2	3	Custom		•
87	Variabile custom 88	Custom variable 88	PV	4	Custom		•
88	Variabile custom 89	Custom variable 89	SPA	4	Custom		•
89	Variabile custom 90	Custom variable 90	_SP	4	Custom		•
90	Variabile custom 91	Custom variable 91	In.2	4	Custom		•
91	Variabile custom 92	Custom variable 92	I.tA1	4	Custom		•
92	Variabile custom 93	Custom variable 93	AL.1	4	Custom		•
93	Variabile custom 94	Custom variable 94	AL.2	4	Custom		•
94	Variabile custom 95	Custom variable 95	A1.t	4	Custom		•

Address	Descrizione	Description	Default		Type	GFX compatible address	GFX4 compatible address
			Description	Zone			
95	Variabile custom 96	Custom variable 96	A2.t	4	Custom		•
96	Variabile custom 97	Custom variable 97	AL.n	4	Custom		•
97	Variabile custom 98	Custom variable 98	A.Hb1	4	Custom		•
98	Variabile custom 99	Custom variable 99	Ou.P	4	Custom		•
99	Variabile custom 100	Custom variable 100	MAN_POWER	4	Custom		•
100	Variabile custom 101	Custom variable 101	STATUS_W	4	Custom		•
101	Variabile custom 102	Custom variable 102	STATUS_STRUMENTO	4	Custom		•
102	Variabile custom 103	Custom variable 103	STATUS_STRUMENTO1	4	Custom		•
103	Variabile custom 104	Custom variable 104	STATUS_STRUMENTO2	4	Custom		•
104	Variabile custom 105	Custom variable 105	STATUS_STRUMENTO3	4	Custom		•
105	Variabile custom 106	Custom variable 106	STATUS_STRUMENTO4	4	Custom		•
106	Variabile custom 107	Custom variable 107	tyP.	4	Custom		•
107	Variabile custom 108	Custom variable 108	Ctr	4	Custom		•
108	Variabile custom 109	Custom variable 109	S.tu	4	Custom		•
109	Variabile custom 110	Custom variable 110	tP.2	4	Custom		•
110	Variabile custom 111	Custom variable 111	rL.1	4	Custom		•
111	Variabile custom 112	Custom variable 112	rL.2	4	Custom		•
112	Variabile custom 113	Custom variable 113	rL.3	4	Custom		•
113	Variabile custom 114	Custom variable 114	rL.4	4	Custom		•
114	Variabile custom 115	Custom variable 115	Ct.1	4	Custom		•
115	Variabile custom 116	Custom variable 116	Ct.2	4	Custom		•
116	Variabile custom 117	Custom variable 117	diG	1…4	Custom		•
117	Variabile custom 118	Custom variable 118	diG.2	1…4	Custom		•
118	Variabile custom 119	Custom variable 119	C.Hd	1…4	Custom		•

Address	Descrizione	Description	Default		Type	GFX compatible address	GFX4 compatible address
			Description	Zone			
119	Variabile custom 120	Custom variable 120	C.Hd1	1…4	Custom		•
120	Manufact-Trade Mark (Gefran)	Manufact trade mark (Gefran)			Fixed		•
121	Device ID (GFX4-IR)	Device ID (GFX4-IR)			Fixed		•
122	Versione software	Software Version			Fixed		•
200	Indirizzo della variabile custom 1	Address of custom variable 1	1024+0	1	Pointer		•
201	Indirizzo della variabile custom 2	Address of custom variable 2	1024+1	1	Pointer		•
202	Indirizzo della variabile custom 3	Address of custom variable 3	1024+16	1	Pointer		•
203	Indirizzo della variabile custom 4	Address of custom variable 4	1024+602	1	Pointer		•
204	Indirizzo della variabile custom 5	Address of custom variable 5	1024+139	1	Pointer		•
205	Indirizzo della variabile custom 6	Address of custom variable 6	1024+12	1	Pointer		•
206	Indirizzo della variabile custom 7	Address of custom variable 7	1024+13	1	Pointer		•
207	Indirizzo della variabile custom 8	Address of custom variable 8	1024+407	1	Pointer		•
208	Indirizzo della variabile custom 9	Address of custom variable 9	1024+408	1	Pointer		•
209	Indirizzo della variabile custom 10	Address of custom variable 10	1024+195	1	Pointer		•
210	Indirizzo della variabile custom 11	Address of custom variable 11	1024+55	1	Pointer		•
211	Indirizzo della variabile custom 12	Address of custom variable 12	1024+2	1	Pointer		•
212	Indirizzo della variabile custom 13	Address of custom variable 13	1024+252	1	Pointer		•
213	Indirizzo della variabile custom 14	Address of custom variable 14	1024+305	1	Pointer		•
214	Indirizzo della variabile custom 15	Address of custom variable 15	1024+467	1	Pointer		•
215	Indirizzo della variabile custom 16	Address of custom variable 16	1024+469	1	Pointer		•
216	Indirizzo della variabile custom 17	Address of custom variable 17	1024+632	1	Pointer		•
217	Indirizzo della variabile custom 18	Address of custom variable 18	1024+633	1	Pointer		•
218	Indirizzo della variabile custom 19	Address of custom variable 19	1024+634	1	Pointer		•
219	Indirizzo della variabile custom 20	Address of custom variable 20	1024+400	1	Pointer		•

Address	Descrizione	Description	Default		Type	GFX compatible address	GFX4 compatible address
			Description	Zone			
220	Indirizzo della variabile custom 21	Address of custom variable 21	1024+180	1	Pointer		•
221	Indirizzo della variabile custom 22	Address of custom variable 22	1024+31	1	Pointer		•
222	Indirizzo della variabile custom 23	Address of custom variable 23	1024+181	1	Pointer		•
223	Indirizzo della variabile custom 24	Address of custom variable 24	1024+160	1	Pointer		•
224	Indirizzo della variabile custom 25	Address of custom variable 25	1024+163	1	Pointer		•
225	Indirizzo della variabile custom 26	Address of custom variable 26	1024+166	1	Pointer		•
226	Indirizzo della variabile custom 27	Address of custom variable 27	1024+170	1	Pointer		•
227	Indirizzo della variabile custom 28	Address of custom variable 28	1024+9	1	Pointer		•
228	Indirizzo della variabile custom 29	Address of custom variable 29	1024+159	1	Pointer		•
229	Indirizzo della variabile custom 30	Address of custom variable 30	2048+0	2	Pointer		•
230	Indirizzo della variabile custom 31	Address of custom variable 31	2048+1	2	Pointer		•
231	Indirizzo della variabile custom 32	Address of custom variable 32	2048+16	2	Pointer		•
232	Indirizzo della variabile custom 33	Address of custom variable 33	2048+602	2	Pointer		•
233	Indirizzo della variabile custom 34	Address of custom variable 34	2048+139	2	Pointer		•
234	Indirizzo della variabile custom 35	Address of custom variable 35	2048+12	2	Pointer		•
235	Indirizzo della variabile custom 36	Address of custom variable 36	2048+13	2	Pointer		•
236	Indirizzo della variabile custom 37	Address of custom variable 37	2048+407	2	Pointer		•
237	Indirizzo della variabile custom 38	Address of custom variable 38	2048+408	2	Pointer		•
238	Indirizzo della variabile custom 39	Address of custom variable 39	2048+195	2	Pointer		•
239	Indirizzo della variabile custom 40	Address of custom variable 40	2048+55	2	Pointer		•
240	Indirizzo della variabile custom 41	Address of custom variable 41	2048+2	2	Pointer		•
241	Indirizzo della variabile custom 42	Address of custom variable 42	2048+252	2	Pointer		•
242	Indirizzo della variabile custom 43	Address of custom variable 43	2048+305	2	Pointer		•
243	Indirizzo della variabile custom 44	Address of custom variable 44	2048+467	2	Pointer		•

Address	Descrizione	Description	Default		Type	GFX compatible address	GFX4 compatible address
			Description	Zone			
244	Indirizzo della variabile custom 45	Address of custom variable 45	2048+469	2	Pointer		•
245	Indirizzo della variabile custom 46	Address of custom variable 46	2048+632	2	Pointer		•
246	Indirizzo della variabile custom 47	Address of custom variable 47	2048+633	2	Pointer		•
247	Indirizzo della variabile custom 48	Address of custom variable 48	2048+634	2	Pointer		•
248	Indirizzo della variabile custom 49	Address of custom variable 49	2048+400	2	Pointer		•
249	Indirizzo della variabile custom 50	Address of custom variable 50	2048+180	2	Pointer		•
250	Indirizzo della variabile custom 51	Address of custom variable 51	2048+31	2	Pointer		•
251	Indirizzo della variabile custom 52	Address of custom variable 52	2048+181	2	Pointer		•
252	Indirizzo della variabile custom 53	Address of custom variable 53	2048+160	2	Pointer		•
253	Indirizzo della variabile custom 54	Address of custom variable 54	2048+163	2	Pointer		•
254	Indirizzo della variabile custom 55	Address of custom variable 55	2048+166	2	Pointer		•
255	Indirizzo della variabile custom 56	Address of custom variable 56	2048+170	2	Pointer		•
256	Indirizzo della variabile custom 57	Address of custom variable 57	2048+9	2	Pointer		•
257	Indirizzo della variabile custom 58	Address of custom variable 58	2048+159	2	Pointer		•
258	Indirizzo della variabile custom 59	Address of custom variable 59	4096+0	3	Pointer		•
259	Indirizzo della variabile custom 60	Address of custom variable 60	4096+1	3	Pointer		•
260	Indirizzo della variabile custom 61	Address of custom variable 1	4096+16	3	Pointer		•
261	Indirizzo della variabile custom 62	Address of custom variable 62	4096+602	3	Pointer		•
262	Indirizzo della variabile custom 63	Address of custom variable 63	4096+139	3	Pointer		•
263	Indirizzo della variabile custom 64	Address of custom variable 64	4096+12	3	Pointer		•
264	Indirizzo della variabile custom 65	Address of custom variable 65	4096+13	3	Pointer		•
265	Indirizzo della variabile custom 66	Address of custom variable 66	4096+407	3	Pointer		•
266	Indirizzo della variabile custom 67	Address of custom variable 67	4096+408	3	Pointer		•
267	Indirizzo della variabile custom 68	Address of custom variable 68	4096+195	3	Pointer		•

Address	Descrizione	Description	Default		Type	GFX compatible address	GFX4 compatible address
			Description	Zone			
268	Indirizzo della variabile custom 69	Address of custom variable 69	4096+55	3	Pointer		•
269	Indirizzo della variabile custom 70	Address of custom variable 70	4096+2	3	Pointer		•
270	Indirizzo della variabile custom 71	Address of custom variable 71	4096+252	3	Pointer		•
271	Indirizzo della variabile custom 72	Address of custom variable 72	4096+305	3	Pointer		•
272	Indirizzo della variabile custom 73	Address of custom variable 73	4096+467	3	Pointer		•
273	Indirizzo della variabile custom 74	Address of custom variable 74	4096+469	3	Pointer		•
274	Indirizzo della variabile custom 75	Address of custom variable 75	4096+632	3	Pointer		•
275	Indirizzo della variabile custom 76	Address of custom variable 76	4096+633	3	Pointer		•
276	Indirizzo della variabile custom 77	Address of custom variable 77	4096+634	3	Pointer		•
277	Indirizzo della variabile custom 78	Address of custom variable 78	4096+400	3	Pointer		•
278	Indirizzo della variabile custom 79	Address of custom variable 79	4096+180	3	Pointer		•
279	Indirizzo della variabile custom 80	Address of custom variable 80	4096+31	3	Pointer		•
280	Indirizzo della variabile custom 81	Address of custom variable 81	4096+181	3	Pointer		•
281	Indirizzo della variabile custom 82	Address of custom variable 82	4096+160	3	Pointer		•
282	Indirizzo della variabile custom 83	Address of custom variable 83	4096+163	3	Pointer		•
283	Indirizzo della variabile custom 84	Address of custom variable 84	4096+166	3	Pointer		•
284	Indirizzo della variabile custom 85	Address of custom variable 85	4096+170	3	Pointer		•
285	Indirizzo della variabile custom 86	Address of custom variable 86	4096+9	3	Pointer		•
286	Indirizzo della variabile custom 87	Address of custom variable 87	4096+159	3	Pointer		•
287	Indirizzo della variabile custom 88	Address of custom variable 88	8192+0	4	Pointer		•
288	Indirizzo della variabile custom 89	Address of custom variable 89	8192+1	4	Pointer		•
289	Indirizzo della variabile custom 90	Address of custom variable 90	8192+16	4	Pointer		•
290	Indirizzo della variabile custom 91	Address of custom variable 91	8192+602	4	Pointer		•
291	Indirizzo della variabile custom 92	Address of custom variable 92	8192+139	4	Pointer		•

Address	Descrizione	Description	Default		Type	GFX compatible address	GFX4 compatible address
			Description	Zone			
292	Indirizzo della variabile custom 93	Address of custom variable 93	8192+12	4	Pointer		•
293	Indirizzo della variabile custom 94	Address of custom variable 94	8192+13	4	Pointer		•
294	Indirizzo della variabile custom 95	Address of custom variable 95	8192+407	4	Pointer		•
295	Indirizzo della variabile custom 96	Address of custom variable 96	8192+408	4	Pointer		•
296	Indirizzo della variabile custom 97	Address of custom variable 97	8192+195	4	Pointer		•
297	Indirizzo della variabile custom 98	Address of custom variable 98	8192+55	4	Pointer		•
298	Indirizzo della variabile custom 99	Address of custom variable 99	8192+2	4	Pointer		•
299	Indirizzo della variabile custom 100	Address of custom variable 100	8192+252	4	Pointer		•
300	Indirizzo della variabile custom 101	Address of custom variable 101	8192+305	4	Pointer		•
301	Indirizzo della variabile custom 102	Address of custom variable 102	8192+467	4	Pointer		•
302	Indirizzo della variabile custom 103	Address of custom variable 103	8192+469	4	Pointer		•
303	Indirizzo della variabile custom 104	Address of custom variable 104	8192+632	4	Pointer		•
304	Indirizzo della variabile custom 105	Address of custom variable 105	8192+633	4	Pointer		•
305	Indirizzo della variabile custom 106	Address of custom variable 106	8192+634	4	Pointer		•
306	Indirizzo della variabile custom 107	Address of custom variable 107	8192+400	4	Pointer		•
307	Indirizzo della variabile custom 108	Address of custom variable 108	8192+180	4	Pointer		•
308	Indirizzo della variabile custom 109	Address of custom variable 109	8192+31	4	Pointer		•
309	Indirizzo della variabile custom 110	Address of custom variable 110	8192+181	4	Pointer		•
310	Indirizzo della variabile custom 111	Address of custom variable 111	8192+160	4	Pointer		•
311	Indirizzo della variabile custom 112	Address of custom variable 112	8192+163	4	Pointer		•
312	Indirizzo della variabile custom 113	Address of custom variable 113	8192+166	4	Pointer		•
313	Indirizzo della variabile custom 114	Address of custom variable 114	8192+170	4	Pointer		•
314	Indirizzo della variabile custom 115	Address of custom variable 115	8192+9	4	Pointer		•
315	Indirizzo della variabile custom 116	Address of custom variable 116	8192+159	4	Pointer		•

Address	Descrizione	Description	Default		Type	GFX compatible address	GFX4 compatible address
			Description	Zone			
316	Indirizzo della variabile custom 117	Address of custom variable 117	1024+140	1…4	Pointer		•
317	Indirizzo della variabile custom 118	Address of custom variable 118	1024+618	1…4	Pointer		•
318	Indirizzo della variabile custom 119	Address of custom variable 119	1024+190	1…4	Pointer		•
319	Indirizzo della variabile custom 120	Address of custom variable 120	1024+508	1…4	Pointer		•

+ GLOBAL addresses of ZONE MAP (16bit access)

TABLE OF EXCEPTIONS

Address	Item	Value	Description	Exception	Dip-switches configuration / Order code
703	Hd.5	+4	HSC trigger mode	NOT ALLOWED	[**DIP5=ON**] (inductive load)
703	Hd.5	+1	Ramp of softstart	NOT ALLOWED	[**DIP5=ON**] (inductive load) and **ZC** trigger mode and ([**DIP1=ON, DIP2=OFF, DIP4=ON**] (3-phase star load without neutral) or [**DIP1=ON, DIP2=ON, DIP3=ON**] (3-phase load closed delta))
703	Hd.5	+1	Ramp of softstart	FORCED	[**DIP5=ON**] (inductive load) and **PA** trigger mode
703	Hd.5	+32	Delay triggering	FORCED	[**DIP5=ON**] (inductive load) and **ZC** trigger mode

TABLE OF WRITE ORDER

Priority (from high to low)	Address	Item
0	400	**tyP.**
1	403	**dP.S**
2	401	**Lo.S**
3	402	**Hi.S**
4	25 / 20 / 28 / 142	**Lo.L**
5	26 / 21 / 29 / 143	**HI.L**
6	138 /16 / 472	**SP**
7	230 / 482	**SP.1**
8	231 / 483	**SP.2**
9	406	**A1.t**
10	407	**A2.t**
11	408 / 54	**A3.t**
12	409	**A4.t**
13	12 / 475 / 177	**AL.1**
14	13 / 476 / 178	**AL.2**
15	14 / 52 / 479	**AL.3**
16	58 / 480	**AL.4**
17	194	**AI.2**
18	404	**LS.2**
19	603	**HS.2**
20	180	**Ctr**
21	119	**Lb.P**
22	516	**P.rS**
23	80	**FFd**
24	228	**FA.P**
25	252	**MANUAL_POWER**

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