

KOSMOS SERIE

CODE: 30727400 EDITION: 26-07-2010



MODBUS MAP ADDRESSES



ALPHA-C 2.0



MODBUS MAP ADDRESSES

	MODBUS	
INPUT POINT 1	0	sign
		digit 4
	1	digit 3
		digit 2
INPUT POINT 2	2	digit 1
		digit 0
	3	sign
		digit 4
INPUT POINT 3	4	digit 3
		digit 2
	5	digit 1
		digit 0
INPUT POINT 4	6	sign
		digit 4
	7	digit 3
		digit 2
INPUT POINT 5	8	digit 1
		digit 0
	9	sign
		digit 4
INPUT POINT 6	10	digit 3
		digit 2
	11	digit 1
		digit 0

	MODBUS	
INPUT POINT 5	12	sign
		digit 4
	13	digit 3
		digit 2
INPUT POINT 6	14	digit 1
		digit 0
	15	sign
		digit 4
INPUT POINT 7	16	digit 3
		digit 2
	17	digit 1
		digit 0
INPUT POINT 8	18	sign
		digit 4
	19	digit 3
		digit 2
INPUT POINT 9	20	digit 1
		digit 0
	21	sign
		digit 4
INPUT POINT 10	22	digit 3
		digit 2
	23	digit 1
		digit 0

	MODBUS	
INPUT POINT 9	24	sign
		digit 4
	25	digit 3
		digit 2
INPUT POINT 10	26	digit 1
		digit 0
	27	sign
		digit 4
INPUT POINT 11	28	digit 3
		digit 2
	29	digit 1
		digit 0
INPUT POINT 12	30	sign
		digit 4
	31	digit 3
		digit 2
INPUT POINT 13	32	digit 1
		digit 0
	33	sign
		digit 4
INPUT POINT 14	34	digit 3
		digit 2
	35	digit 1
		digit 0
INPUT POINT 15	36	sign
		digit 4
	37	digit 3
		digit 2
INPUT POINT 16	38	digit 1
		digit 0
	39	sign
		digit 4

	MODBUS	
INPUT POINT 14	39	sign
		digit 4
	40	digit 3
		digit 2
	41	digit 1
		digit 0
INPUT POINT 15	42	sign
		digit 4
	43	digit 3
		digit 2
	44	digit 1
		digit 0
INPUT POINT 16	45	sign
		digit 4
	46	digit 3
		digit 2
	47	digit 1
		digit 0
INPUT POINT 17	48	sign
		digit 4
	49	digit 3
		digit 2
	50	digit 1
		digit 0
INPUT POINT 18	51	sign
		digit 4
	52	digit 3
		digit 2
	53	digit 1
		digit 0

	MODBUS	
INPUT POINT 19	54	sign
		digit 4
	55	digit 3
		digit 2
	56	digit 1
		digit 0
INPUT POINT 20	57	sign
		digit 4
	58	digit 3
		digit 2
	59	digit 1
		digit 0
INPUT POINT 21	60	sign
		digit 4
	61	digit 3
		digit 2
	62	digit 1
		digit 0
INPUT POINT 22	63	sign
		digit 4
	64	digit 3
		digit 2
	65	digit 1
		digit 0
INPUT POINT 23	66	sign
		digit 4
	67	digit 3
		digit 2
	68	digit 1
		digit 0

	MODBUS	
INPUT POINT 24	69	sign
		digit 4
	70	digit 3
		digit 2
	71	digit 1
		digit 0
INPUT POINT 25	72	sign
		digit 4
	73	digit 3
		digit 2
	74	digit 1
		digit 0
INPUT POINT 26	75	sign
		digit 4
	76	digit 3
		digit 2
	77	digit 1
		digit 0
INPUT POINT 27	78	sign
		digit 4
	79	digit 3
		digit 2
	80	digit 1
		digit 0
INPUT POINT 28	81	sign
		digit 4
	82	digit 3
		digit 2
	83	digit 1
		digit 0

	MODBUS	
INPUT POINT 29	84	sign digit 4
	85	digit 3 digit 2
	86	digit 1 digit 0
INPUT POINT 30	87	sign digit 4
	88	digit 3 digit 2
	89	digit 1 digit 0
DISPLAY POINT 1	90	sign digit 4
	91	digit 3 digit 2
	92	digit 1 digit 0
DISPLAY POINT 2	93	sign digit 4
	94	digit 3 digit 2
	95	digit 1 digit 0
DISPLAY POINT 3	96	sign digit 4
	97	digit 3 digit 2
	98	digit 1 digit 0

	MODBUS	
DISPLAY POINT 4	99	sign digit 4
	100	digit 3 digit 2
	101	digit 1 digit 0
DISPLAY POINT 5	102	sign digit 4
	103	digit 3 digit 2
	104	digit 1 digit 0
DISPLAY POINT 6	105	sign digit 4
	106	digit 3 digit 2
	107	digit 1 digit 0
DISPLAY POINT 7	108	sign digit 4
	109	digit 3 digit 2
	110	digit 1 digit 0
DISPLAY POINT 8	111	sign digit 4
	112	digit 3 digit 2
	113	digit 1 digit 0

	MODBUS	
DISPLAY POINT 9	114	sign digit 4
	115	digit 3 digit 2
	116	digit 1 digit 0
DISPLAY POINT 10	117	sign digit 4
	118	digit 3 digit 2
	119	digit 1 digit 0
DISPLAY POINT 11	120	sign digit 4
	121	digit 3 digit 2
	122	digit 1 digit 0
DISPLAY POINT 12	123	sign digit 4
	124	digit 3 digit 2
	125	digit 1 digit 0
DISPLAY POINT 13	126	sign digit 4
	127	digit 3 digit 2
	128	digit 1 digit 0

	MODBUS	
DISPLAY POINT 14	129	sign
		digit 4
	130	digit 3
		digit 2
	131	digit 1
		digit 0
DISPLAY POINT 15	132	sign
		digit 4
	133	digit 3
		digit 2
	134	digit 1
		digit 0
DISPLAY POINT 16	135	sign
		digit 4
	136	digit 3
		digit 2
	137	digit 1
		digit 0
DISPLAY POINT 17	138	sign
		digit 4
	139	digit 3
		digit 2
	140	digit 1
		digit 0
DISPLAY POINT 18	141	sign
		digit 4
	142	digit 3
		digit 2
	143	digit 1
		digit 0

	MODBUS	
DISPLAY POINT 19	144	sign
		digit 4
	145	digit 3
		digit 2
	146	digit 1
		digit 0
DISPLAY POINT 20	147	sign
		digit 4
	148	digit 3
		digit 2
	149	digit 1
		digit 0
DISPLAY POINT 21	150	sign
		digit 4
	151	digit 3
		digit 2
	152	digit 1
		digit 0
DISPLAY POINT 22	153	sign
		digit 4
	154	digit 3
		digit 2
	155	digit 1
		digit 0
DISPLAY POINT 23	156	sign
		digit 4
	157	digit 3
		digit 2
	158	digit 1
		digit 0

	MODBUS	
DISPLAY POINT 24	159	sign
		digit 4
	160	digit 3
		digit 2
	161	digit 1
		digit 0
DISPLAY POINT 25	162	sign
		digit 4
	163	digit 3
		digit 2
	164	digit 1
		digit 0
DISPLAY POINT 26	165	sign
		digit 4
	166	digit 3
		digit 2
	167	digit 1
		digit 0
DISPLAY POINT 27	168	sign
		digit 4
	169	digit 3
		digit 2
	170	digit 1
		digit 0
DISPLAY POINT 28	171	sign
		digit 4
	172	digit 3
		digit 2
	173	digit 1
		digit 0

	MODBUS	
DISPLAY POINT 29	174	sign
		digit 4
	175	digit 3
		digit 2
	176	digit 1
		digit 0
DISPLAY POINT 30	177	sign
		digit 4
	178	digit 3
		digit 2
	179	digit 1
		digit 0
SETPOINT 1	180	sign
		digit 4
	181	digit 3
		digit 2
	182	digit 1
		digit 0
SETPOINT 2	183	sign
		digit 4
	184	digit 3
		digit 2
	185	digit 1
		digit 0
SETPOINT 3	186	sign
		digit 4
	187	digit 3
		digit 2
	188	digit 1
		digit 0

	MODBUS	
SETPOINT 4	189	sign
		digit 4
	190	digit 3
		digit 2
	191	digit 1
		digit 0

	MODBUS	
MODE SETPOINT 1	192	0=off, 1=on, 2=latch, 3=rs
		0=hi, 1=lo
	193	0=delay, 1=hysteresis-1, 2=hysteresis-2
		0=net, 2=gross, 3=peak, 4=valley, 9=ROC
MODE SETPOINT 2	194	0=LED, 1=LED+blink
		0=off, 1=on, 2=latch, 3=rs
	195	0=hi, 1=lo
		0=delay, 1=hysteresis-1, 2=hysteresis-2
MODE SETPOINT 3	196	0=net, 1=track set, 2=gross, 3=peak, 4=valley, 5=track auto, 6=unfiltered max, 7=filtered max, 9=ROC
		0=LED, 1=LED+blink
	197	0=off, 1=on, 2=latch, 3=rs
		0=hi, 1=lo
MODE SETPOINT 4	198	0=delay, 1=hysteresis-1, 2=hysteresis-2
		0=net, 2=gross, 3=peak, 4=valley, 9=ROC
	199	0=LED, 1=LED+blink
		0=off, 1=on, 2=latch, 3=rs
MODE SETPOINT 4	200	0=hi, 1=lo
		0=delay, 1=hysteresis-1, 2=hysteresis-2
	201	0=net, 1=track set, 2=gross, 3=peak, 4=valley, 9=ROC
		0=LED, 1=LED+blink
DELAY / HYSTERESIS SETPOINT 1	202	digit 3
		digit 2
	203	digit 1
		digit 0
DELAY / HYSTERESIS SETPOINT 2	204	digit 3
		digit 2
	205	digit 1
		digit 0

	MODBUS	
DELAY / HYSTERESIS SETPOINT 3	206	digit 3
		digit 2
	207	digit 1
		digit 0
DELAY / HYSTERESIS SETPOINT 4	208	digit 3
		digit 2
	209	digit 1
		digit 0
DELAY PEAK 2	210	digit 1
		digit 0
ANALOG OUTPUT LO	211	sign
		digit 4
	212	digit 3
		digit 2
	213	digit 1
		digit 0
ANALOG OUTPUT HI	214	sign
		digit 4
	215	digit 3
		digit 2
	216	digit 1
		digit 0
ANA OUTPUT TYPE	217	0=Vdc, 1=Idc
ANA OUTPUT FILTER		0=off, 1=on
RANGE	218	0=15mV, 1=30mV, 2=60mV, 3=300mV
DECIMAL POINT		0=88888, 1=8888.8, 2=888.88, 3=88.888, 4=8.8888

	MODBUS	
FILTER P	219	0 to 9
FILTER E		0 to 9
ROUND	220	0=no round, 1=2 digit, 2=5 digit, 3=10 digit
N° LINEARIZATION PTS		2 to 30
USER CODE	221	digit 3
		digit 2
	222	digit 1
		digit 0
SOFT LOCK 1	223	bit 0 =setpoint 1 bit 1 =setpoint 2 bit 2 =setpoint 3 bit 3 =setpoint 4
SOFT LOCK 2		bit 0 =input bit 1 =scaling bit 2 =filters & round bit 3 = -
SOFT LOCK 3	224	bit 0 =analog output bit 1 =serial output bit 2 =logic inputs bit 3 =setpoint values (direct programming)
SOFT LOCK 4		bit 0 =tare key lock bit 1 = - bit 2 = - bit 3 =total lock
LOGIC FUNC. CN2.1	225	0 to 36
LOGIC FUNC. CN2.2		0 to 36
LOGIC FUNC. CN2.4	226	0 to 36
LOGIC FUNC. CN2.5		0 to 36

	MODBUS	
PRINT DATE TIME	227	0=off, 1=on
SENSOR BREAK DETEC		0=off, 1=on
MODE TARE	228	0=TARE 1, 1=TARE 2, 2=TARE 3
PROGRAMMABLE TARE [6]		sign
	229	digit 4
		digit 3
	230	digit 2
		digit 1
	231	digit 0
RESERVED		-
ADDRESS UNITS	232	0 to 9
ADDRESS TENS		0 to 9
RESERVED	233	-
BAUD RATE		1=1200, 2=2400, 3=4800, 4=9600, 5=19200
RS485 DELAY	234	1=30ms, 2=60ms, 3=100ms, 4=300ms, 5=no delay
PROTOCOL		1=ascii, 2=iso 1745, 3=modbus
-	235	-
-		-
PEAK	236	(long) internal value
	237	
VALLEY	238	(long) internal value
	239	

	MODBUS	
TARE	240	(long) internal value
	241	
BATCH	242	(short) internal value
TOTAL	243	(long) display value without hold
	244	
Net_display	245	(long) display value, filter, hold, rounding
	246	
Gross_display	247	(long) display value, filter, hold, rounding
	248	
Teach_display	249	(long) display value, filter, hold, rounding
	250	
Setpoint1	251	(long)
	252	

	MODBUS	
Setpoint2	253	(long)
	254	
Setpoint3	255	(long)
	256	
Setpoint4	257	(long)
	258	
Batch_value_display	259	(short) Display value, hold
Total_value_display	260	(float) Display value, hold
	261	
Peak_display	262	(long) Display value, filtered, hold
	263	
Valley_display	264	(long) Display value, filtered, hold
	265	

	MODBUS	
Programmed_net (Tare-3)	266	(long) net value programmed for Tare-3
	267	
Rate_Of_Change Pos	268	(long) Positive rate of change value in points internally filtered
	269	
Rate_Of_Change Neg	270	(long) Negative rate of change value in points internally filtered
	271	
Net	272	(long) internal value, without filter, without rounding
	273	
Gross	274	(long) internal value, without filter, without rounding
	275	
Teach	276	(long) internal value, without filter, without rounding
	277	
Net_round	278	(long) internal value, filtered, rounded
	279	

	MODBUS	
Gross_round	280	(long) internal value, filtered, rounded
	281	
sr_bus	282	bit 0 = status setpoint 1 bit 1 = status setpoint 2 bit 2 = status setpoint 3 bit 3 = status setpoint 4 bit 4 = status logical input 1 bit 5 = status logical input 2 bit 6 = status logical input 4 bit 7 = status logical input 5
Cards		bit 0 = 2RE card plugged bit 1 = 4RE card plugged bit 2 = RS2 card plugged bit 3 = RS4 card plugged bit 4 = - bit 5 = BCD card plugged bit 6 = ANA card plugged bit 7 = -
Version	283	'C'
		'2'
	284	'0'
		n = firmware version

	MODBUS	
Display digits	285	digit 0 (LSB)
		digit 1
	286	digit 2
		digit 3
	287	digit 4
		digit 5 (MSB)
	288	digit 6 (LED's) bit 0 =SET 3 bit 1 =PROG bit 2 =RUN bit 3 =SET 2 bit 4 =SET 1 bit 5 =B bit 6 =A bit 7 =SET 3
		digit 7 (LED's) bit 0 = - bit 1 =STORE bit 2 =MIN bit 3 =MAX bit 4 =LIMIT bit 5 =HOLD bit 6 =TARE bit 7 = -
Scale over	289	0=no, 1=yes
Input over		0=no, 1=yes
Sensor Broken		0=no, 1=yes
Display over		0=no, 1=yes

	MODBUS	
Volt_net_filtered	291	(long) Net with filters, with hold without rounding
	292	
Volt_gross_filtered	293	(long) Gross with, without hold without rounding
	294	

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