

Technote 32 – A89DC-08 Default Modbus Address:

The Modbus Device Address of the A89DC-08 Solar Current Monitor is configured with a factory default setting between 1 and 128. The factory default Modbus Device Address is based on the last two digits of the A89DC-08 serial number. Locate the last two digits of the serial number in the table below. The factory default address is shown to the right. For example: if the serial number ends in “8D”, the default Modbus address is set to 13.

Serial Number	Default Address	Serial Number	Default Address	Serial Number	Default Address	Serial Number	Default Address	Serial Number	Default Address	Serial Number	Default Address	Serial Number	Default Address	Serial Number	Default Address
00	128	20	32	40	64	60	96	80	128	A0	32	C0	64	E0	96
01	1	21	33	41	65	61	97	81	1	A1	33	C1	65	E1	97
02	2	22	34	42	66	62	98	82	2	A2	34	C2	66	E2	98
03	3	23	35	43	67	63	99	83	3	A3	35	C3	67	E3	99
04	4	24	36	44	68	64	100	84	4	A4	36	C4	68	E4	100
05	5	25	37	45	69	65	101	85	5	A5	37	C5	69	E5	101
06	6	26	38	46	70	66	102	86	6	A6	38	C6	70	E6	102
07	7	27	39	47	71	67	103	87	7	A7	39	C7	71	E7	103
08	8	28	40	48	72	68	104	88	8	A8	40	C8	72	E8	104
09	9	29	41	49	73	69	105	89	9	A9	41	C9	73	E9	105
0A	10	2A	42	4A	74	6A	106	8A	10	AA	42	CA	74	EA	106
0B	11	2B	43	4B	75	6B	107	8B	11	AB	43	CB	75	EB	107
0C	12	2C	44	4C	76	6C	108	8C	12	AC	44	CC	76	EC	108
0D	13	2D	45	4D	77	6D	109	8D	13	AD	45	CD	77	ED	109
0E	14	2E	46	4E	78	6E	110	8E	14	AE	46	CE	78	EE	110
0F	15	2F	47	4F	79	6F	111	8F	15	AF	47	CF	79	EF	111
10	16	30	48	50	80	70	112	90	16	B0	48	D0	80	F0	112
11	17	31	49	51	81	71	113	91	17	B1	49	D1	81	F1	113
12	18	32	50	52	82	72	114	92	18	B2	50	D2	82	F2	114
13	19	33	51	53	83	73	115	93	19	B3	51	D3	83	F3	115
14	20	34	52	54	84	74	116	94	20	B4	52	D4	84	F4	116
15	21	35	53	55	85	75	117	95	21	B5	53	D5	85	F5	117
16	22	36	54	56	86	76	118	96	22	B6	54	D6	86	F6	118
17	23	37	55	57	87	77	119	97	23	B7	55	D7	87	F7	119
18	24	38	56	58	88	78	120	98	24	B8	56	D8	88	F8	120
19	25	39	57	59	89	79	121	99	25	B9	57	D9	89	F9	121
1A	26	3A	58	5A	90	7A	122	9A	26	BA	58	DA	90	FA	122
1B	27	3B	59	5B	91	7B	123	9B	27	BB	59	DB	91	FB	123
1C	28	3C	60	5C	92	7C	124	9C	28	BC	60	DC	92	FC	124
1D	29	3D	61	5D	93	7D	125	9D	29	BD	61	DD	93	FD	125
1E	30	3E	62	5E	94	7E	126	9E	30	BE	62	DE	94	FE	126
1F	31	3F	63	5F	95	7F	127	9F	31	BF	63	DF	95	FF	127

The Modbus device address may be changed using the Obvius Config Console software, writing to a Modbus register, or using the advanced configuration page on the AcquiSuite. For more information on changing the Modbus device address, please consult the installation manual for the product.

