

A2Y-5nn ADDRESS TABLE				Function 03 Read Holding Registers													
Name		Address		Range		Explain		Initial		Unit	Read/Write	Note					
		Decimal	Hexadecimal	High Byte	Low Byte	High Byte		Low Byte									
Model & Company	0	0000	Constatnt Ascii of Model & Company			Model & Company name		" A " " 2 "			R	"A" "2" Ascii Code					
	1	0001						" Y " " _ " "		R	"Y" (1 or 2) " _ " Ascii Code						
	2	0002						" 5 " " nn "		R	"5" "nn" Ascii Code or "3" "nn" Ascii Code						
	3	0003						" F " " N " "		R	"F" "N" Ascii Code						
	4	0004							" P " " 0 "		R	"P" Ascii Code 0					
Version	5	0005		00 to 256	00 to 256	Hard Ware Version		Soft Ware Version		SW	HW		R	Soft ware & Hard ware version			
Date Number	6	0006		(00D - 99D)H (01D - 12D)L		Year		Month		YM			R				
Seial Number	7	0007		0 to 65535		Serial Number				SN			R				
Pass Word	8	0008		0 to 9999		Pass Word				1234			R				
ID Address	9	0009			1 to 247	Device Address RS485 Communication				0	247		R	Default MODBUS ID address is : 247			
Baud Rate	10	000A	00h to 07h			Baud Rate of RS-485 Communication		0005H	Bit/S	R	Baud Rate	00h	300				
												01h	600				
												02h	1200				
												03h	2400				
												04h	4800				
												05h	9600				
												06h	14400				
												07h	19600				
Parity & Stop bit	11	000B	01h to 05h			Parity & Stop Bit Communication		0004H		R	Parity & Stop bit	00h	None parity 1 Stop bit				
												01h	None parity 2 Stop bit				
												02h	Odd parity 1 Stop bit				
												03h	Odd parity 2 Stop bit				
												04h	Even parity 1 Stop bit				
												05h	Even parity 2 Stop bit				
Automatic Turn Off HORN	12	000C	1800 to 0 second Down Timer		Non Critical horn off timer				600	Sec	R						
	13	000D	1801 to 0 second Down Timer		Critical horn off timer				600	Sec	R						
Fault Counter & ISA Sequence	14	000E	0 to 24	85 , 90 , 165 , 170 , 53 , 60		Alarm or Fault Counter	ISA Sequence	0	85		R	ISA-2C	55h	85			
												ISA-A	5Ah	90			
												ISA-F2A	A5h	165			
												ISA-F3M	Aah	170			
												ISA-F3A	35h	53			
												Simple window	3Ch	60			
Alaram system Status	15	000F	00h to FFh	00h to FFh		Alarm System Status					R	Critical Horn Status	bit 0	0	Relay OFF	1	Relay ON
												Non Critical Horn Status	bit 1	0	Relay OFF	1	Relay ON
												Trip Relay Status	bit 2	0	Relay OFF	1	Relay ON
												Flash Fast Status	bit 3	0	Flash OFF	1	Flash ON
												Flash Normal Status	bit 4	0	Flash OFF	1	Flash ON
												Flash Slow Status	bit 5	0	Flash OFF	1	Flash ON
												Lamp Test Status	bit 6	0	Normal Status	1	Lamp test Status
												Wiring Ok	bit 7	0	Sync Wiring Error	1	Sync Wiring OK
												Trip Relay Type 1	bit 8	0	Deselect (Table 5)	1	For future define
												Trip Relay Type 2	bit 9	0	Deselect (Table 5)	1	For future define
												Trip Relay Type 3	bit 10	0	Deselect (Table 5)	1	Select (Table 5)
												Trip Relay Type 4	bit 11	0	Deselect (Table 5)	1	Select (Table 5)
												Trip Relay Type 4	bit 12	0	Deselect (Table 5)	1	Select (Table 5)
												HornOff PB Exist	bit 13	0	NO	1	YES

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												Horn Test Requirer	bit 14	0	NO	1	YES
												Internal Horn ON/OFF	bit 15	0	OFF	1	ON
Channel 1	Status	16	0010	5 to 65535		Bit pattern Status for Channel 1		00h	40h		R	Input	bit 0	0	Input channel LOW	1	Input channel HIGH
Channel 2	Status	17	0011	5 to 65535		Bit pattern Status for Channel 2		00h	40h		R	D Input	bit 1	0	Debounce input LOW	1	Debounce input HIGH
Channel 3	Status	18	0012	5 to 65535		Bit pattern Status for Channel 3		00h	40h		R	Alarm in	bit 2	0	Input fault deactive	1	Input fault active
Channel 4	Status	19	0013	5 to 65535		Bit pattern Status for Channel 4		00h	40h		R	Fst Alarm	bit 3	0	No First Alarm	1	First Alarm
Channel 5	Status	20	0014	5 to 65535		Bit pattern Status for Channel 5		00h	40h		R	NAck.	bit 4	0	No alarm	1	No acknowledge alarm
Channel 6	Status	21	0015	5 to 65535		Bit pattern Status for Channel 6		00h	40h		R	Ack.	bit 5	0	Reset Alarm	1	Acknowledge alarm
Channel 7	Status	22	0016	5 to 65535		Bit pattern Status for Channel 7		00h	40h		R	NO/NC	bit 6	0	NC channel	1	NO channel
Channel 8	Status	23	0017	5 to 65535		Bit pattern Status for Channel 8		00h	40h		R	Cr/NCr	bit 7	0	Non critical channel	1	Critical channel
Channel 9	Status	24	0018	5 to 65535		Bit pattern Status for Channel 9		00h	40h		R	Status	bit 8	0	Alarm or Fault	1	Signal (ON / OFF)
Channel 10	Status	25	0019	5 to 65535		Bit pattern Status for Channel 10		00h	40h		R	reserve	bit 9	0	For future define	1	For future define
Channel 11	Status	26	001A	5 to 65535		Bit pattern Status for Channel 11		00h	40h		R	reserve	bit 10	0	For future define	1	For future define
Channel 12	Status	27	001B	5 to 65535		Bit pattern Status for Channel 12		00h	40h		R	Alarm Priority Number bit 0	bit 11	Alarm Priority Number bit 0 to 4 (0 to 31)			
Channel 13	Status	28	001C	5 to 65535		Bit pattern Status for Channel 13		00h	40h		R	Alarm Priority Number bit 1	bit 12				
Channel 14	Status	29	001D	5 to 65535		Bit pattern Status for Channel 14		00h	40h		R	Alarm Priority Number bit 2	bit 13				
Channel 15	Status	30	001E	5 to 65535		Bit pattern Status for Channel 15		00h	40h		R	Alarm Priority Number bit 3	bit 14				
Channel 16	Status	31	001F	5 to 65535		Bit pattern Status for Channel 16		00h	40h		R	Alarm Priority Number bit 4	bit 15				
Channel 17	Status	32	0020	5 to 65535		Bit pattern Status for Channel 17		00h	40h		R						
Channel 18	Status	33	0021	5 to 65535		Bit pattern Status for Channel 18		00h	40h		R						
Channel 19	Status	34	0022	5 to 65535		Bit pattern Status for Channel 19		00h	40h		R						
Channel 20	Status	35	0023	5 to 65535		Bit pattern Status for Channel 20		00h	40h		R						
Channel 21	Status	36	0024	5 to 65535		Bit pattern Status for Channel 21		00h	40h		R						
Channel 22	Status	37	0025	5 to 65535		Bit pattern Status for Channel 22		00h	40h		R						
Channel 23	Status	38	0026	5 to 65535		Bit pattern Status for Channel 23		00h	40h		R						
Channel 24	Status	39	0027	5 to 65535		Bit pattern Status for Channel 24		00h	40h		R						
Channel 1	ON Delay Timer	40	0028	5 to 65535		ON Delay Setting Channel 1		6	mSec		R						
Channel 2	ON Delay Timer	41	0029	5 to 65535		ON Delay Setting Channel 2		6	mSec		R						
Channel 3	ON Delay Timer	42	002A	5 to 65535		ON Delay Setting Channel 3		6	mSec		R						
Channel 4	ON Delay Timer	43	002B	5 to 65535		ON Delay Setting Channel 4		6	mSec		R						
Channel 5	ON Delay Timer	44	002C	5 to 65535		ON Delay Setting Channel 5		6	mSec		R						
Channel 6	ON Delay Timer	45	002D	5 to 65535		ON Delay Setting Channel 6		6	mSec		R						
Channel 7	ON Delay Timer	46	002E	5 to 65535		ON Delay Setting Channel 7		6	mSec		R						
Channel 8	ON Delay Timer	47	002F	5 to 65535		ON Delay Setting Channel 8		6	mSec		R						
Channel 9	ON Delay Timer	48	0030	5 to 65535		ON Delay Setting Channel 9		6	mSec		R						
Channel 10	ON Delay Timer	49	0031	5 to 65535		ON Delay Setting Channel 10		6	mSec		R						
Channel 11	ON Delay Timer	50	0032	5 to 65535		ON Delay Setting Channel 11		6	mSec		R						
Channel 12	ON Delay Timer	51	0033	5 to 65535		ON Delay Setting Channel 12		6	mSec		R						
Channel 13	ON Delay Timer	52	0034	5 to 65535		ON Delay Setting Channel 13		6	mSec		R						
Channel 14	ON Delay Timer	53	0035	5 to 65535		ON Delay Setting Channel 14		6	mSec		R						
Channel 15	ON Delay Timer	54	0036	5 to 65535		ON Delay Setting Channel 15		6	mSec		R						
Channel 16	ON Delay Timer	55	0037	5 to 65535		ON Delay Setting Channel 16		6	mSec		R						
Channel 17	ON Delay Timer	56	0038	5 to 65535		ON Delay Setting Channel 17		6	mSec		R						
Channel 18	ON Delay Timer	57	0039	5 to 65535		ON Delay Setting Channel 18		6	mSec		R						
Channel 19	ON Delay Timer	58	003A	5 to 65535		ON Delay Setting Channel 19		6	mSec		R						
Channel 20	ON Delay Timer	59	003B	5 to 65535		ON Delay Setting Channel 20		6	mSec		R						

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		Decimal	Hexadecimal	High Byte	Low Byte	High Byte	Low Byte						
Channel 21	ON Delay Timer	60	003C	5 to 65535		ON Delay Setting Channel 21		6	mSec	R			
Channel 22	ON Delay Timer	61	003D	5 to 65535		ON Delay Setting Channel 22		6	mSec	R			
Channel 23	ON Delay Timer	62	003E	5 to 65535		ON Delay Setting Channel 23		6	mSec	R			
Channel 24	ON Delay Timer	63	003F	5 to 65535		ON Delay Setting Channel 24		6	mSec	R			
Channel 1	OFF Delay Timer	64	0040	5 to 65535		OFF Delay Setting Channel 1		30	mSec	R			
Channel 2	OFF Delay Timer	65	0041	5 to 65535		OFF Delay Setting Channel 2		30	mSec	R			
Channel 3	OFF Delay Timer	66	0042	5 to 65535		OFF Delay Setting Channel 3		30	mSec	R			
Channel 4	OFF Delay Timer	67	0043	5 to 65535		OFF Delay Setting Channel 4		30	mSec	R			
Channel 5	OFF Delay Timer	68	0044	5 to 65535		OFF Delay Setting Channel 5		30	mSec	R			
Channel 6	OFF Delay Timer	69	0045	5 to 65535		OFF Delay Setting Channel 6		30	mSec	R			
Channel 7	OFF Delay Timer	70	0046	5 to 65535		OFF Delay Setting Channel 7		30	mSec	R			
Channel 8	OFF Delay Timer	71	0047	5 to 65535		OFF Delay Setting Channel 8		30	mSec	R			
Channel 9	OFF Delay Timer	72	0048	5 to 65535		OFF Delay Setting Channel 9		30	mSec	R			
Channel 10	OFF Delay Timer	73	0049	5 to 65535		OFF Delay Setting Channel 10		30	mSec	R			
Channel 11	OFF Delay Timer	74	004A	5 to 65535		OFF Delay Setting Channel 11		30	mSec	R			
Channel 12	OFF Delay Timer	75	004B	5 to 65535		OFF Delay Setting Channel 12		30	mSec	R			
Channel 13	OFF Delay Timer	76	004C	5 to 65535		OFF Delay Setting Channel 13		30	mSec	R			
Channel 14	OFF Delay Timer	77	004D	5 to 65535		OFF Delay Setting Channel 14		30	mSec	R			
Channel 15	OFF Delay Timer	78	004E	5 to 65535		OFF Delay Setting Channel 15		30	mSec	R			
Channel 16	OFF Delay Timer	79	004F	5 to 65535		OFF Delay Setting Channel 16		30	mSec	R			
Channel 17	OFF Delay Timer	80	0050	5 to 65535		OFF Delay Setting Channel 17		30	mSec	R			
Channel 18	OFF Delay Timer	81	0051	5 to 65535		OFF Delay Setting Channel 18		30	mSec	R			
Channel 19	OFF Delay Timer	82	0052	5 to 65535		OFF Delay Setting Channel 19		30	mSec	R			
Channel 20	OFF Delay Timer	83	0053	5 to 65535		OFF Delay Setting Channel 20		30	mSec	R			
Channel 21	OFF Delay Timer	84	0054	5 to 65535		OFF Delay Setting Channel 21		30	mSec	R			
Channel 22	OFF Delay Timer	85	0055	5 to 65535		OFF Delay Setting Channel 22		30	mSec	R			
Channel 23	OFF Delay Timer	86	0056	5 to 65535		OFF Delay Setting Channel 23		30	mSec	R			
Channel 24	OFF Delay Timer	87	0057	5 to 65535		OFF Delay Setting Channel 24		30	mSec	R			
Channel 1	Color ON state	88	0058	0	0 to 6	0	Color ON State of Channel 1	1	7		R	RED	1
Channel 2	Color ON state	89	0059	0	0 to 6	0	Color ON State of Channel 2	1	7		R	GREEN	2
Channel 3	Color ON state	90	005A	0	0 to 6	0	Color ON State of Channel 3	1	7		R	YELLOW	3
Channel 4	Color ON state	91	005B	0	0 to 6	0	Color ON State of Channel 4	1	7		R	BLUE	4
Channel 5	Color ON state	92	005C	0	0 to 6	0	Color ON State of Channel 5	1	7		R	MAGENTA	5
Channel 6	Color ON state	93	005D	0	0 to 6	0	Color ON State of Channel 6	1	7		R	CYAN	6
Channel 7	Color ON state	94	005E	0	0 to 6	0	Color ON State of Channel 7	1	7		R	WHITE	7
Channel 8	Color ON state	95	005F	0	0 to 6	0	Color ON State of Channel 8	1	7		R		
Channel 9	Color ON state	96	0060	0	0 to 6	0	Color ON State of Channel 9	1	7		R		
Channel 10	Color ON state	97	0061	0	0 to 6	0	Color ON State of Channel 10	1	7		R		
Channel 11	Color ON state	98	0062	0	0 to 6	0	Color ON State of Channel 11	1	7		R		
Channel 12	Color ON state	99	0063	0	0 to 6	0	Color ON State of Channel 12	1	7		R		
Channel 13	Color ON state	100	0064	0	0 to 6	0	Color ON State of Channel 13	1	7		R		
Channel 14	Color ON state	101	0065	0	0 to 6	0	Color ON State of Channel 14	1	7		R		
Channel 15	Color ON state	102	0066	0	0 to 6	0	Color ON State of Channel 15	1	7		R		
Channel 16	Color ON state	103	0067	0	0 to 6	0	Color ON State of Channel 16	1	7		R		
Channel 17	Color ON state	104	0068	0	0 to 6	0	Color ON State of Channel 17	1	7		R		
Channel 18	Color ON state	105	0069	0	0 to 6	0	Color ON State of Channel 18	1	7		R		

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		Decimal	Hexadecimal	High Byte	Low Byte	High Byte	Low Byte									
Channel 19	Color ON state	106	006A	0	0 to 6	0	Color ON State of Channel 19	1	7		R					
Channel 20	Color ON state	107	006B	0	0 to 6	0	Color ON State of Channel 20	1	7		R					
Channel 21	Color ON state	108	006C	0	0 to 6	0	Color ON State of Channel 21	1	7		R					
Channel 22	Color ON state	109	006D	0	0 to 6	0	Color ON State of Channel 22	1	7		R					
Channel 23	Color ON state	110	006E	0	0 to 6	0	Color ON State of Channel 23	1	7		R					
Channel 24	Color ON state	111	006F	0	0 to 6	0	Color ON State of Channel 24	1	7		R					
Channel 1	Color OFF state	112	0070	0	0 to 7	0	Color OFF State of Channel 1	0	7		R	BLACK	0			
Channel 2	Color OFF state	113	0071	0	0 to 7	0	Color OFF State of Channel 2	0	7		R	RED	1			
Channel 3	Color OFF state	114	0072	0	0 to 7	0	Color OFF State of Channel 3	0	7		R	GREEN	2			
Channel 4	Color OFF state	115	0073	0	0 to 7	0	Color OFF State of Channel 4	0	7		R	YELLOW	3			
Channel 5	Color OFF state	116	0074	0	0 to 7	0	Color OFF State of Channel 5	0	7		R	BLUE	4			
Channel 6	Color OFF state	117	0075	0	0 to 7	0	Color OFF State of Channel 6	0	7		R	MAGENTA	5			
Channel 7	Color OFF state	118	0076	0	0 to 7	0	Color OFF State of Channel 7	0	7		R	CYAN	6			
Channel 8	Color OFF state	119	0077	0	0 to 7	0	Color OFF State of Channel 8	0	7		R	WHITE	7			
Channel 9	Color OFF state	120	0078	0	0 to 7	0	Color OFF State of Channel 9	0	7		R					
Channel 10	Color OFF state	121	0079	0	0 to 7	0	Color OFF State of Channel 10	0	7		R					
Channel 11	Color OFF state	122	007A	0	0 to 7	0	Color OFF State of Channel 11	0	7		R					
Channel 12	Color OFF state	123	007B	0	0 to 7	0	Color OFF State of Channel 12	0	7		R					
Channel 13	Color OFF state	124	007C	0	0 to 7	0	Color OFF State of Channel 13	0	7		R					
Channel 14	Color OFF state	125	007D	0	0 to 7	0	Color OFF State of Channel 14	0	7		R					
Channel 15	Color OFF state	126	007E	0	0 to 7	0	Color OFF State of Channel 15	0	7		R					
Channel 16	Color OFF state	127	007F	0	0 to 7	0	Color OFF State of Channel 16	0	7		R					
Channel 17	Color OFF state	128	0080	0	0 to 7	0	Color OFF State of Channel 17	0	7		R					
Channel 18	Color OFF state	129	0081	0	0 to 7	0	Color OFF State of Channel 18	0	7		R					
Channel 19	Color OFF state	130	0082	0	0 to 7	0	Color OFF State of Channel 19	0	7		R					
Channel 20	Color OFF state	131	0083	0	0 to 7	0	Color OFF State of Channel 20	0	7		R					
Channel 21	Color OFF state	132	0084	0	0 to 7	0	Color OFF State of Channel 21	0	7		R					
Channel 22	Color OFF state	133	0085	0	0 to 7	0	Color OFF State of Channel 22	0	7		R					
Channel 23	Color OFF state	134	0086	0	0 to 7	0	Color OFF State of Channel 23	0	7		R					
Channel 24	Color OFF state	135	0087	0	0 to 7	0	Color OFF State of Channel 24	0	7		R					
Channel 1	ISA Sequence	136	0088	0	85 , 90 , 165 , 170 , 53 , 60	0	ISA Sequence of Channel 1	0	85		R	ISA-2C	55h	85		
Channel 2	ISA Sequence	137	0089	0		0	ISA Sequence of Channel 2	0	85		R	ISA-A	5Ah	90		
Channel 3	ISA Sequence	138	008A	0		0	ISA Sequence of Channel 3	0	85		R	ISA-F2A	A5h	165		
Channel 4	ISA Sequence	139	008B	0		0	ISA Sequence of Channel 4	0	85		R	ISA-F3M	Aah	170		
Channel 5	ISA Sequence	140	008C	0		0	ISA Sequence of Channel 5	0	85		R	ISA-F3A	35h	53		
Channel 6	ISA Sequence	141	008D	0			0	ISA Sequence of Channel 6	0	85		R				
Channel 7	ISA Sequence	142	008E	0		0	ISA Sequence of Channel 7	0	85		R					
Channel 8	ISA Sequence	143	008F	0		0	ISA Sequence of Channel 8	0	85		R					
Channel 9	ISA Sequence	144	0090	0		0	ISA Sequence of Channel 9	0	85		R					
Channel 10	ISA Sequence	145	0091	0		0	ISA Sequence of Channel 10	0	85		R					
Channel 11	ISA Sequence	146	0092	0		0	ISA Sequence of Channel 11	0	85		R					
Channel 12	ISA Sequence	147	0093	0		0	ISA Sequence of Channel 12	0	85		R					
Channel 13	ISA Sequence	148	0094	0		0	ISA Sequence of Channel 13	0	85		R					
Channel 14	ISA Sequence	149	0095	0		0	ISA Sequence of Channel 14	0	85		R					
Channel 15	ISA Sequence	150	0096	0		0	ISA Sequence of Channel 15	0	85		R					
Channel 16	ISA Sequence	151	0097	0		0	ISA Sequence of Channel 16	0	85		R					

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Channel 17	ISA Sequence	152	0098	0		0	ISA Sequence of Channel 17	0	85		R																
Channel 18	ISA Sequence	153	0099	0		0	ISA Sequence of Channel 18	0	85		R																
Channel 19	ISA Sequence	154	009A	0		0	ISA Sequence of Channel 19	0	85		R																
Channel 20	ISA Sequence	155	009B	0		0	ISA Sequence of Channel 20	0	85		R																
Channel 21	ISA Sequence	156	009C	0		0	ISA Sequence of Channel 21	0	85		R																
Channel 22	ISA Sequence	157	009D	0		0	ISA Sequence of Channel 22	0	85		R																
Channel 23	ISA Sequence	158	009E	0		0	ISA Sequence of Channel 23	0	85		R																
Channel 24	ISA Sequence	159	009F	0		0	ISA Sequence of Channel 24	0	85		R																
Channel 1	Procceing Indication	160	00A0	0	01b or 10b	0	Double Point Input of Channel 1	0	2		R	Comment	bit 1	bit 0													
Channel 2	Procceing Indication	161	00A1	0	01b or 10b	0	Double Point Input of Channel 2	0	2		R	Intermediate Position	0	0													
Channel 3	Procceing Indication	162	00A2	0	01b or 10b	0	Double Point Input of Channel 3	0	2		R	Normal Position ON	0	1													
Channel 4	Procceing Indication	163	00A3	0	01b or 10b	0	Double Point Input of Channel 4	0	2		R	Normal Position OFF	1	0													
Channel 5	Procceing Indication	164	00A4	0	01b or 10b	0	Double Point Input of Channel 5	0	2		R	Faulty Position	1	1													
Channel 6	Procceing Indication	165	00A5	0	01b or 10b	0	Double Point Input of Channel 6	0	2		R																
Channel 7	Procceing Indication	166	00A6	0	01b or 10b	0	Double Point Input of Channel 7	0	2		R																
Channel 8	Procceing Indication	167	00A7	0	01b or 10b	0	Double Point Input of Channel 8	0	2		R																
Channel 9	Procceing Indication	168	00A8	0	01b or 10b	0	Double Point Input of Channel 9	0	2		R																
Channel 10	Procceing Indication	169	00A9	0	01b or 10b	0	Double Point Input of Channel 10	0	2		R																
Channel 11	Procceing Indication	170	00AA	0	01b or 10b	0	Double Point Input of Channel 11	0	2		R																
Channel 12	Procceing Indication	171	00AB	0	01b or 10b	0	Double Point Input of Channel 12	0	2		R																
Channel 13	Procceing Indication	172	00AC	0	01b or 10b	0	Double Point Input of Channel 13	0	2		R																
Channel 14	Procceing Indication	173	00AD	0	01b or 10b	0	Double Point Input of Channel 14	0	2		R																
Channel 15	Procceing Indication	174	00AE	0	01b or 10b	0	Double Point Input of Channel 15	0	2		R																
Channel 16	Procceing Indication	175	00AF	0	01b or 10b	0	Double Point Input of Channel 16	0	2		R																
Channel 17	Procceing Indication	176	00B0	0	01b or 10b	0	Double Point Input of Channel 17	0	2		R																
Channel 18	Procceing Indication	177	00B1	0	01b or 10b	0	Double Point Input of Channel 18	0	2		R																
Channel 19	Procceing Indication	178	00B2	0	01b or 10b	0	Double Point Input of Channel 19	0	2		R																
Channel 20	Procceing Indication	179	00B3	0	01b or 10b	0	Double Point Input of Channel 20	0	2		R																
Channel 21	Procceing Indication	180	00B4	0	01b or 10b	0	Double Point Input of Channel 21	0	2		R																
Channel 22	Procceing Indication	181	00B5	0	01b or 10b	0	Double Point Input of Channel 22	0	2		R																
Channel 23	Procceing Indication	182	00B6	0	01b or 10b	0	Double Point Input of Channel 23	0	2		R																
Channel 24	Procceing Indication	183	00B7	0	01b or 10b	0	Double Point Input of Channel 24	0	2		R																
Channel 1 - 8	Procceing Indication	184	00B8	5555h to AAAAh		Double Point Input of Channel 1 - 8 (2bit for each channel)		55h	55h		R	b15	b14	b13	b12	b11	b10	b9	b8	b7	b6	b5	b4	b3	b2	b1	b0
Channel 9 - 16	Procceing Indication	185	00B9	5555h to AAAAh		Double Point Input of Channel 9 - 16 (2bit for each channel)		55h	55h		R	I _{m8}	I _{m8}	I _{m7}	I _{m7}	I _{m6}	I _{m6}	I _{m5}	I _{m5}	I _{m4}	I _{m4}	I _{m3}	I _{m3}	I _{m2}	I _{m2}	I _{m1}	I _{m1}
Channel 17 - 24	Procceing Indication	186	00BA	5555h to AAAAh		Double Point Input of Channel 17 - 24 (2bit for each channel)		55h	55h		R	//															
Channel 1 - 8	Procceing Indication	187	00BB	AAAAh to 5555h		Double Point Input of Channel 1 - 8 (2bit for each channel)		AAh	AAh		R	b15	b14	b13	b12	b11	b10	b9	b8	b7	b6	b5	b4	b3	b2	b1	b0
Channel 9 - 16	Procceing Indication	188	00BC	AAAAh to 5555h		Double Point Input of Channel 9 - 16 (2bit for each channel)		AAh	AAh		R	I _{m8}	I _{m8}	I _{m7}	I _{m7}	I _{m6}	I _{m6}	I _{m5}	I _{m5}	I _{m4}	I _{m4}	I _{m3}	I _{m3}	I _{m2}	I _{m2}	I _{m1}	I _{m1}
Channel 17 - 24	Procceing Indication	189	00BD	AAAAh to 5555h		Double Point Input of Channel 17 - 24 (2bit for each channel)		AAh	AAh		R	//															
Channel 1 - 16	Procceing Indication	190	00BE	0b or 1b	0b or 1b	Single Point Input of Channel 1 - 16 (1bit for each channel)		0	0		R																
Channel 17 - 24	Procceing Indication	191	00BF	0	0b or 1b	0	Single Point Input of Channel 17 - 24 (1bit for each channel)	0	0		R	b15	b14	b13	b12	b11	b10	b9	b8	b7	b6	b5	b4	b3	b2	b1	b0
Beep Time		192	00C0	10 to 200		Beep Time (mSec) Setting		30	mSec	R/W																	
V. Fast Flash Time		193	00C1	200-800		Very Fast Flash Per Minute Setting		500	/ minute	R/W																	
Fast Flash Time		194	00C2	100-600		Fast Flash Per Minute Setting		270	/ minute	R/W																	
Normal Flash Time		195	00C3	20-150		Normal Flash Per Minute Setting		54	/ minute	R/W																	
Slow Flash Time		196	00C4	10-100		Slow Flash Per Minute Setting		15	/ minute	R/W																	

A2Y-5nn ADDRESS TABLE					Function 03 Read Holding Registers					
Name	Address		Range		Explain		Initial	Unit	Read/Write	Note
	Decimal	Hexadecimal	High Byte	Low Byte	High Byte	Low Byte				
P. Flash Time	197	00C5	100-800		Programming Flash Per Minute Setting		300	/ minute	R/W	
CPU LAST ERROR	198	00C6			Use By Manufacturer		0XFFFF			
Cpu Error Counter	199	00C7	0 to 65535		Cpu Error Counter		0		R	
Programming exit counter	200	00C8	0 to 65535		Programming exit counter		0		R	
Power ON Reset Counter	201	00C9	0 to 65535		Power ON Reset Counter		0		R	
External Reset Counter	202	00CA	0 to 65535		External Reset Counter		0		R	
Brown Out Reset Counter	203	00CB	0 to 65535		Brown Out Reset Counter		0		R	
Watchdog Reset Counter	204	00CC	0 to 65535		Watchdog Reset Counter		0		R	
EEPROM Crash Counter	205	00CD	0 to 65535		EEPROM Crash Counter		0		R	
Factory Reset Counter	206	00CE	1 to 65535		Factory Reset Counter		0		R	

A2Y-5nn ADDRESS TABLE				Function 05 Write Single Coil						
Name	Address		Range	Explain		initial	Unit	Read/Write	Note	
	Decimal	Hexadecimal		High Byte	Low Byte				Preset Single Coil ON	Preset Single Coil OFF
Horn Off P.B. exist	1	0001	ON or OFF	Horn Off P.B. exist (3 or 4 Push Botton action)		ON		W	YES	NO
Horn Test require	2	0002	ON or OFF	Horn Test require (Horn test in Lamp test function require?)		ON		W	YES	NO
Internal Horn	3	0003	ON or OFF	Internal Horn ON / OFF (Internal Buzzer)		ON		W	ON	OFF
Procces indication Select	4	0004	ON or OFF	Indication Alarm Channel or Input Channel		ON		W	Indication Alarm channel	Indication Input channel
Horn Off P.B.	85	0055	ON	Press Horn Off Push Botton		N/A		W	YES	N/A
Acknowledge P.B.	90	005A	ON	Press Acknowledge Push Botton		N/A		W	YES	N/A
Reset P.B.	165	00A5	ON	Press Reset Push Botton		N/A		W	YES	N/A
Reset Priority P.B.	163	00A3	ON	Press Reset Priority Push Botton		N/A		W	YES	N/A
Lamp Test P.B.	170	00AA	ON	Press Lamp Test Push Botton		N/A		W	YES	N/A
Dimmer Down P.B.	53	0035	ON	Decrease LEDs Light		N/A		W	YES	N/A
Dimmer Up P.B.	58	003A	ON	Increase LEDs Light		N/A		W	YES	N/A