Read single Reg.	ID Code	Function Code	Addr Highbyte	Addr Lowbyte	Data Highbyte	Data Lowbyte	CRC Lowbyte	CRC Highbyte
	01	03 or 04	00	xx	00	01	xx	xx
Feedback	ID Code	Function Code	Byte Count	Data Highbyte	Data Lowbyte	CRC Lowbyte	CRC Highbyte	
	01	03 or 04	02	xx	xx	xx	xx	

SMC-A MODBUS(230213)

（適用於額定電流大於999.9A）

Write single Reg.	ID Code	Function Code	Addr Highbyte	Addr Lowbyte	Data Highbyte	Data Lowbyte	CRC Lowbyte	CRC Highbyte
	01	06	00	xx	00	xx	xx	xx
Feedback	ID Code	Function Code	Addr Highbyte	Addr Lowbyte	Data Highbyte	Data Lowbyte	CRC Lowbyte	CRC Highbyte
	01	06	xx	xx	xx	xx	xx	xx

Data Address(2bytes)		LED Display	Data Description(2bytes)	EEPROM	Default	Limit
0000	(Read only)	Pert / 0~100	Output 0~100%		0	0~100
0001	(Read only)	HEAt / -20~100 °	Temperature			-20~100℃
0002	(Read only)	ct r / xxxx	CT R Current (Unit 0.1A)		0	0.0~9999.0A
0003	(Read only)	ct S / xxxx	CT S Current (Unit 0.1A)		0	0.0~9999.0A
0004	(Read only)	ct t / xxxx	CT T Current (Unit 0.1A)		0	0.0~9999.0A
0005	(Read only)		Status LED			Bit0~Bit7 => LED1~LED8
0006	(Read/Write)	UP. v / 0~100	Start Voltage 0~100%	0x13	0	0~100
0007	(Read/Write)	UP. t / 1~100	Start Time 1~100Secs	0x14	10	1~100
0008	(Read/Write)	dn. v / 0~100	Stop Voltage 0~100%	0x15	100	0~100
0009	(Read/Write)	dn. t / 1~100	Stop Time 1~100Secs	0x16	10	1~100
0010	(Read/Write)	rSt / ALAm or StoP	RST Protect Status (Alarm / Stop)	0x17	Stop	0 : Alarm / 1 : Stop
0011	(Read/Write)	LoAd / ALAm or StoP	Load Detect (Alarm / Stop)	0x18	Alarm	0 : Alarm / 1 : Stop
0012	(Read/Write)	bALn / 5~80	Load Un-Balance Value 5%~80%	0x19	20%	5(0.25v)~80(4.0v)
0013	(Read/Write)	H.Ltd	Current Limit (Unit 0.1A)	0x1A~0x1B		0.0~9999.0A
0014	(Read/Write)	H. St./KEEP or StoP	Over Current Limit mode	0x1C	KEEP	0 : KEEP / 1 : Stop
0015	(Read/Write)	i.rUn	Current Limit on Running (Unit 0.1A)	0x1D~0x1E		0.0~9999.0A
0016	(Read/Write)	i. St. / ALAm or StoP	Current Limit on Running Mode	0x1F	Alarm	0 : Alarm / 1 : Stop
0017	(Read/Write)	L.Ltd	Low Current Limit (Unit 0.1A)	0x20~0x21		0.0~9999.0A
0018	(Read/Write)	L. St./ALAm or StoP	Low Limit mode	0x22	Alarm	0 : Alarm / 1 : Stop
0019	(Read/Write)	KicK / nonE or 80 or 100	Kick mode	0x23	None	0 : None / 1 : 80% / 2 : 100%
0020	(Read/Write)	cmd / H.W. or m.bUS	Input Control Command	0x24	0	0 : H/W / 1: ModBus
0021	(Read/Write)		Modbus Start In Command		Stop	0 : Stop / 1 : Start
0022	(Read/Write)		Modbus Bypass In Command		None	0 : None / 1 : By pass In
0023	(Read/Write)	m.StP. / StoP or LASt	Modbus Stop Control Command	0x25	Stop	0 : Stop / 1: Last
0024	(Read/Write)	bAUd / 9600 or 1920	Baud Rate 9600 / 19200 bps	0x26	9600	0 : 9600bps / 1 : 19200bps
0025	(Read/Write)	dAtA / 8n1 or 8n2 or 8E1 or 8o1	Communication mode N-8-1/N-8-2/E-8-1/O-8-1	0x27	N-8-1	0 : N-8-1 / 1 : N-8-2 / 2 : E-8-1 / 3 : O-8-1
0026	(Read/Write)	id / 1~247	ID Code (1~247)	0x28	1	1~247
0027	(Read/Write)	t.oUt / 1~30	Timeout (1~30)Secs	0x29	30	1~30
0028	(Read/Write)	FAn / AUto or on	Fan Control & Status	0x2A	Auto	Bit0(Fan Mode):0=>Auto/1=>On / Bit1(Fan Status):0=>Off/1=>On
0029	(Read only)		Warning Message		0	Bit0:OH Bit1:R.S.T Open Bit2:Fuse R Bit3:Fuse S Bit4:Fuse T Bit5:CT R Short Bit6:CT R Open Bit7:CT S Short Bit8:CT S Open Bit9:CT T Short Bit10:CT T Open Bit11:不平衡 Bit12:High limit Bit13:Low limit Bit14:I running Bit15:RST Err

Ex Read Output Max Reg. : 01 04 00 02 00 01 90 0A

Ex Read Output Voltage Reg. : 01 04 00 00 00 01 31 CA

SMC-B MODBUS(230213)

（適用於額定電流小於999.9A）

Read single Reg.	ID Code	Function Code	Addr Highbyte	Addr Lowbyte	Data Highbyte	Data Lowbyte	CRC Lowbyte	CRC Highbyte
	01	03 or 04	00	xx	00	01	xx	xx
Feedback	ID Code	Function Code	Byte Count	Data Highbyte	Data Lowbyte	CRC Lowbyte	CRC Highbyte	
	01	03 or 04	02	xx	xx	xx	xx	

Write single Reg.	ID Code	Function Code	Addr Highbyte	Addr Lowbyte	Data Highbyte	Data Lowbyte	CRC Lowbyte	CRC Highbyte
	01	06	00	xx	00	xx	xx	xx
Feedback	ID Code	Function Code	Addr Highbyte	Addr Lowbyte	Data Highbyte	Data Lowbyte	CRC Lowbyte	CRC Highbyte
	01	06	xx	xx	xx	xx	xx	xx

Data Address(2bytes)		LED Display	Data Description(2bytes)	EEPROM	Default	Limit
0000	(Read only)	Pert / 0~100	Output 0~100%		0	0~100
0001	(Read only)	HEAt / -20~100 °	Temperature			-20~100℃
0002	(Read only)	ct r / xxxA	CT R Current (Unit 0.1A)		0	0.0~999.0A
0003	(Read only)	ct S / xxxA	CT S Current (Unit 0.1A)		0	0.0~999.0A
0004	(Read only)	ct t / xxxA	CT T Current (Unit 0.1A)		0	0.0~999.0A
0005	(Read only)		Status LED			Bit0~Bit7 => LED1~LED8
0006	(Read/Write)	UP. v / 0~100	Start Voltage 0~100%	0x13	0	0~100
0007	(Read/Write)	UP. t / 1~100	Start Time 1~100Secs	0x14	10	1~100
0008	(Read/Write)	dn. v / 0~100	Stop Voltage 0~100%	0x15	100	0~100
0009	(Read/Write)	dn. t / 1~100	Stop Time 1~100Secs	0x16	10	1~100
0010	(Read/Write)	rSt / ALAm or StoP	RST Protect Status (Alarm / Stop)	0x17	Stop	0 : Alarm / 1 : Stop
0011	(Read/Write)	LoAd / ALAm or StoP	Load Detect (Alarm / Stop)	0x18	Alarm	0 : Alarm / 1 : Stop
0012	(Read/Write)	bALn / 5~80	Load Un-Balance Value 5%~80%	0x19	20%	5(0.25v)~80(4.0v)
0013	(Read/Write)	H.Ltd	Current Limit (Unit 0.1A)	0x1A~0x1B		0.0~999.0A
0014	(Read/Write)	H. St./KEEP or StoP	Over Current Limit mode	0x1C	KEEP	0 : KEEP / 1 : Stop
0015	(Read/Write)	i.rUn	Current Limit on Running (Unit 0.1A)	0x1D~0x1E		0.0~999.0A
0016	(Read/Write)	i. St. / ALAm or StoP	Current Limit on Running Mode	0x1F	Alarm	0 : Alarm / 1 : Stop
0017	(Read/Write)	L.Ltd	Low Current Limit (Unit 0.1A)	0x20~0x21		0.0~999.0A
0018	(Read/Write)	L. St./ALAm or StoP	Low Limit mode	0x22	Alarm	0 : Alarm / 1 : Stop
0019	(Read/Write)	KicK / nonE or 80 or 100	Kick mode	0x23	None	0 : None / 1 : 80% / 2 : 100%
0020	(Read/Write)	cmd / H.W. or m.bUS	Input Control Command	0x24	0	0 : H/W / 1: ModBus
0021	(Read/Write)		Modbus Start In Command		Stop	0 : Stop / 1 : Start
0022	(Read/Write)		Modbus Bypass In Command		None	0 : None / 1 : By pass In
0023	(Read/Write)	m.StP. / StoP or LASt	Modbus Stop Control Command	0x25	Stop	0 : Stop / 1: Last
0024	(Read/Write)	bAUd / 9600 or 1920	Baud Rate 9600 / 19200 bps	0x26	9600	0 : 9600bps / 1 : 19200bps
0025	(Read/Write)	dAtA / 8n1 or 8n2 or 8E1 or 8o1	Communication mode N-8-1/N-8-2/E-8-1/O-8-1	0x27	N-8-1	0 : N-8-1 / 1 : N-8-2 / 2 : E-8-1 / 3 : O-8-1
0026	(Read/Write)	id / 1~247	ID Code (1~247)	0x28	1	1~247
0027	(Read/Write)	t.oUt / 1~30	Timeout (1~30)Secs	0x29	30	1~30
0028	(Read/Write)	FAn / AUto or on	Fan Control & Status	0x2A	Auto	Bit0(Fan Mode):0=>Auto/1=>On / Bit1(Fan Status):0=>Off/1=>On
0029	(Read only)		Warning Message		0	Bit0:OH Bit1:R.S.T Open Bit2:Fuse R Bit3:Fuse S Bit4:Fuse T Bit5:CT R Short Bit6:CT R Open Bit7:CT S Short Bit8:CT S Open Bit9:CT T Short Bit10:CT T Open Bit11:不平衡 Bit12:High limit Bit13:Low limit Bit14:I running Bit15:RST Err

Ex Read Output Max Reg. : 01 04 00 02 00 01 90 0A

Ex Read Output Voltage Reg. : 01 04 00 00 00 01 31 CA