



**SE4900 Dual Channels Isolated Signal Converter
RS-485 COMMUNICATION INSTRUCTION MANUAL
MODBUS Protocol Reference Guide**

Address	Word	Item (description)	Code	Unit	Sign	Range (十進制)
0000H	2	Σ Watt Hour	03H	KWH	Unsign	0~99999999
0002H	2	Σ Voltage	03H	0.1V	Unsign	0~9999 * 100
0004H	2	Σ Current	03H	mA	Unsign	0~9999 * 100
0006H	2	Σ Watt	03H	Primary Watt	Sign	0~9999 * 100 * 100
0008H	2	Voltage Phase R	03H	0.1V	Unsign	0~9999 * 100
000AH	2	Voltage Phase S (3φ 3W=0)	03H	0.1V	Unsign	0~9999 * 100
000CH	2	Voltage Phase T	03H	0.1V	Unsign	0~9999 * 100
000EH	2	Current Line R	03H	mA	Unsign	0~9999 * 100
0010H	2	Current Line S (3φ 3W=0)	03H	mA	Unsign	0~9999 * 100
0012H	2	Current Line T	03H	mA	Unsign	0~9999 * 100
0014H	1	PT	03/06H	PT	Unsign	1.00~99.99
0015H	1	CT	03/06H	CT	Unsign	1.00~99.99
0016H	1	Wiring	03H	----	----	0 : 3φ 3W ; 3φ 3W (2CT) 1 : 3φ 3W (3CT) : 3φ 4W
0017H	1	A Zero	03/06H	----	----	0~100
0018H	1	Energy Reset	03/06H	----	----	1234 Hex: Reset Σ Watt hour
0019H	1	Reversed	03/06H	----	----	0
001AH	1	Reversed	03/06H	----	----	0
001BH	1	Reversed	03/06H	----	----	0
001CH	1	Reversed	03/06H	----	----	0
001DH	1	Reversed	03/06H	----	----	0
001EH	1	Reversed	03/06H	----	----	0
001FH	1	KWH Dep	03/06H	----	----	1,2,4,8,10H,20H,40H,80H
0020H	1	R Phase Watt	03H	Secondary Watt	Sign	0~6000
0021H	1	S Phase Watt (3φ 3W=0)	03H	Secondary Watt	Sign	0~6000
0022H	1	T Phase Watt	03H	Secondary Watt	Sign	0~6000
0023H	1	Calibration mode	03/06H	----	----	6001H: Enter calibration mode 6409H: Quit calibration mode
0024H	1	Calibration Message	03/06H	----	----	A0H: Enter zero mode A1H: Enter span mode A2H: Enter voltage mode A3H: Enter current mode A4H: Enter watt mode 01H: Save zero mode 02H: Save voltage span mode 03H: Save current span mode 04H: Save watt span mode