

SEW MOVITRAC LTE

Website : <http://www.seweurodrive.com/index.php>

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	SEW MOVITRAC LTE		
PLC I/F	RS-485 2W		
Baud rate	115200		
Data bits	8		
Parity	None		
Stop bits	1		
PLC sta. no.	1		

Online simulator	YES	Extend address mode	NO
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Device Address:

Bit/Word	Device type	Format	Range	Memo
W	P-1	D	0 ~ 1	Max. speed limit
W	P-2	D	0 ~ 1	Min. speed limit
W	P-3	D	0 ~ 1	Acceleration ramp time
W	P-4	D	0 ~ 1	Deceleration ramp time
W	P-5	D	0 ~ 1	Stop mode select
W	P-6	D	0 ~ 1	Energy optimizer
W	P-7	D	0 ~ 1	Motor rated voltage
W	P-8	D	0 ~ 1	Motor rated current
W	P-9	D	0 ~ 1	Motor rated frequency
W	P-10	D	0 ~ 1	Motor rated speed
W	P-11	D	0 ~ 1	Voltage boost
W	P-12	D	0 ~ 1	Terminal / Keypad control
W	P-13	D	0 ~ 1	Trip log
W	P-14	D	0 ~ 1	Extended menu access code
W	P-15	D	0 ~ 1	Digital input function set
W	P-16	D	0 ~ 1	Analog input V / mA
W	P-17	D	0 ~ 1	Output switching frequency

Bit/Word	Device type	Format	Range	Memo
W	P-18	D	0 ~ 1	User relay output select
W	P-19	D	0 ~ 1	User relay output limit
W	P-20	D	0 ~ 1	Preset speed 1
W	P-21	D	0 ~ 1	Preset speed 2
W	P-22	D	0 ~ 1	Preset speed 3
W	P-23	D	0 ~ 1	Preset speed 4
W	P-24	D	0 ~ 1	Deceleration ramp time 2
W	P-25	D	0 ~ 1	Analog output function select
W	P-26	D	0 ~ 1	Skip frequency hysteresis band
W	P-27	D	0 ~ 1	Skip frequency
W	P-28	D	0 ~ 1	V/F characteristic adjustment voltage
W	P-29	D	0 ~ 1	V/F characteristic adjustment frequency
W	P-30	D	0 ~ 1	Terminal mode restart function
W	P-31	D	0 ~ 1	Keypad mode restart function
W	P-32	D	0 ~ 1	DC injection enable / duration
W	P-33	D	0 ~ 1	Spin start
W	P-34	D	0 ~ 1	Brake chopper enable
W	P-35	D	0 ~ 1	Analog input scaling factor
W	P-36	D	0 ~ 1	Comms address; SBus enable/baudrate select; Trip enable / delay
W	P-37	D	0 ~ 1	Access code definition
W	P-38	D	0 ~ 1	Parameter access lock
W	P-39	D	0 ~ 1	Analog input off-set
W	P-40	D	0 ~ 1	Display speed scaling factor
W	P-00-01	D	0 ~ 1	Analog input 1 value
W	P-00-02	D	0 ~ 1	Analog input 2 value
W	P-00-03	D	0 ~ 1	Speed reference input
W	P-00-04	D	0 ~ 1	Digital input status
W	P-00-05	D	0 ~ 1	Reserved
W	P-00-06	D	0 ~ 1	Reserved
W	P-00-07	D	0 ~ 1	Applied motor voltage
W	P-00-08	D	0 ~ 1	DC bus voltage log
W	P-00-09	D	0 ~ 1	Heatsink temperature
W	P-00-10	D	0 ~ 1	Hours run meter
W	P-00-11	D	0 ~ 1	Run time since last trip (1)
W	P-00-12	D	0 ~ 1	Run time since last trip (2)
W	P-00-13	D	0 ~ 1	Run time since last disable
W	P-00-14	D	0 ~ 1	Reserved

Bit/Word	Device type	Format	Range	Memo
W	P-00-15	D	0 ~ 1	DC bus voltage log
W	P-00-16	D	0 ~ 1	Thermistor temperature log
W	P-00-17	D	0 ~ 1	Motor current
W	P-00-18	D	0 ~ 1	Software ID,IO and motor control
W	P-00-19	D	0 ~ 1	Drive serial number
W	P-00-20	D	0 ~ 1	Drive identifier

P-00-01 ~ P-00-20 read only.

Wiring Diagram:

Diagram 1

RS-485 2W

The serial port pin assignments may vary between HMI models, please click the following link for more information.

