

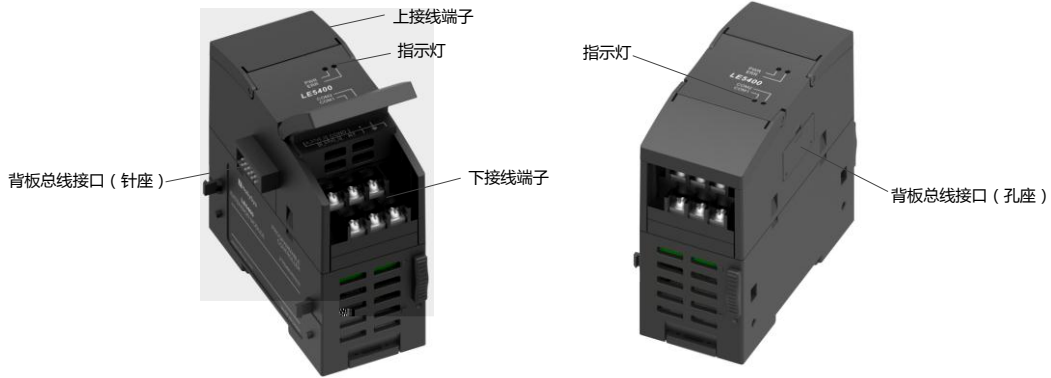
LE5400 RS485/RS232

LE5400

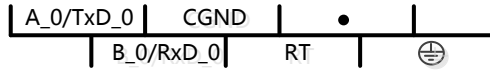
RS485/RS232
AutoThink

ModbusRTU

ModbusRTU



2 COM COM2 COM1 COM1 AutoThink COM1 LE5400 1 COM COM2 LE5400



A_0/TxD_0	RS485 /RS232
B_0/RxD_0	RS485 /RS232
CGND	
RT	COM RS485 RT CGND
●	
⊕	
LE I/O	10 10 10 10

PWR			
ERR			
COM1/COM2			

2	RS485/RS232		
		+24VDC	0 mA
	Modbus /	5VDC	210mA
(bps)	9600 19200 38400() 57600 115200		
	I/Q/M		
	256		500VAC

LE5400 Modbus RTU
PLC

MODBUS_MASTER Modbus RTU

		LE5400		3	
		9600	19200	38400	57600
		115200 bps			
		1 /2			
		7	/8	ModbusRTU	7
		7			
		RS485/RS232			

LE5400 COMM_SEND / COMM_RECEIVE
PLC

LE5109/LE5109L LE5400 LE5109-D01 LE5109L-E01
LE5109 6 LE5400
LE5109L 2 LE5400

Wiring terminal	Pluggable	Storage relative humidity	5%~95%(non-condensing)
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Software Configuration

LE5400 module can be used as master station or slave station of Modbus RTU, and it is default as a slave station. When as a master station, you need to configure function block "MODBUS_MASTER (Modbus RTU Master Communication)". See HollySys Programmable Logic Controller PLC Instruction Manual for details. As a slave station, you need to configure following serial communication parameters and slave address.

Slave configuration parameters		Description
Serial communication parameters	Port	When the LE5400 module is added, port number is automatically assigned by the software, starting from 3
	Baud	9600, 19200, 38400, 57600, 115200, unit: bps
	Verification	Null, Even check and Odd check
	Stop Bits	One bit/Two bit
	Data Bits	Seven bit /Eight bit (Modbus RTU does not support Seven bit, free port communication does not support Seven bit with null verification)
	Communication	RS485/RS232
Slave address		The slave address should be consistent with the configuration address of the connected slave device

The LE5400 module also supports free port communication protocol. When communicating through free protocols, you need to configure function block COMM_SEND (Free Protocol Communication Data Transmission) / COMM_RECEIVE (Free Protocol Communication Data Reception). See HollySys Programmable Logic Controller PLC Instruction Manual for details.

Use Instruction

Only the LE5109 / LE5109L controller supports the LE5400 module. Supported firmware version: LE5109-D01 and above version, LE5109L-E01 and above version.

LE5109 can extend 6 LE5400 modules at most.

LE5109L can extend 2 LE5400 modules at most.