

TL Series

The TL Series expandable I/O system comprises coupler modules, I/O modules and terminal covers. The lineup includes a diverse selection of slim, compact I/O modules. It exclusively supports remote centralized expansion, allowing flexible hardware configuration tailored to on-site application requirements.



EtherCAT标准从站模块 适配标准EtherCAT主站设备

EtherCAT standard slave module, adapted to standard EtherCAT master

支持数字量、模拟量、温度模块 编码器模块等

supporting digital,Analogue,temperature, encoder modules etc

产品规格参数

Product specifications

规格参数 Specifications	产品型号 Product model	描述 Description
EtherCAT耦合器	TL0100	EtherCAT耦合器 EtherCAT coupler
TL终端盖板	TL9000	终端盖板 Terminal cover module
数字量输入模块	TL1016	16通道数字量输入, PNP/24V有效 16-channel DI, PNP/24V active
	TL1116	16通道数字量输入, NPN/0V有效 16-channel DI, NPN/0V active
数字量输出模块	TL2016	16通道数字量输出, PNP/24V, 0.5A/通道 16-channel DO, PNP/24V, 0.5/CH
	TL2116	16通道数字量输出, NPV/0V, 0.5A/通道 16-channel DO, NPN/0V, 0.5/CH
数字量混合输入输出模块	TL1516	8通道数字量输入,PNP/24V有效兼容NPN/0V有效 8-channel DI, PNP/24V active & NPN/0V active 8通道数字量输出:PNP/24V, 0.5A/通道 8-channel DO, PNP/24V, 0.5/CH
模拟量输入模块	TL3104	4通道电压输入, 0~5VDC/0~10VDC/±5VDC/±10VDC,15位/16位, 通道隔离 4-channel voltage input, 0~5VDC/0~10VDC/±5VDC/±10VDC, 15/16-bit, channel isolated
	TL3108	8通道电压输入, 0~5VDC/0~10VDC/±5VDC/±10VDC,15位/16位 8-channel voltage input, 0~5VDC/0~10VDC/±5VDC/±10VDC, 15/16-bit
	TL3204	4通道电流输入, 0&4-20mA, 15位, 单端 4-channel current input, 0&4-20mA, 15-bit
	TL3208	8通道电流输入, 0&4-20mA, 15位, 单端 8-channel current input, 0&4-20mA, 15-bit
温度采集模块	TL3703	3通道热电阻输入, RTD-PT100 3-channel thermal resistance input, RTD-PT100
	TL3704	4通道热电阻输入, RTD-PT100, 通道隔离 4-channel thermal resistance input, RTD-PT100, channel isolated
	TL3803	3通道热电阻输入, RTD-PT1000 3-channel thermal resistance input, RTD-PT1000
	TL3904	4通道热电偶输入, TC-J/K/E/T/S/R/B/N/C型 4-channel thermocouple input, TC-J / K / E / T / S / R / B / N / C
模拟量输出模块	TL4104	4通道电压输出, 0~5VDC/0~10VDC/±5VDC/±10VDC,16位 4-channel voltage output, 0~5VDC/0~10VDC/±5VDC/±10VDC, 16-bit
	TL4204	4通道电流输出, 0&4-20mA, 16位, 单端 4-channel current output, 0&4-20mA, 16-bit
高速计数模块	TL5102	2通道编码器输入,5V单端,输入频率≤1.5MHz 2-channel encoder input, 5V single-ended, input frequency ≤ 1.5MHz
	TL5202	2通道编码器输入,24V单端,输入频率≤500KHz 2-channel encoder input, 24V single-ended, input frequency ≤ 500KHz
通信模块	TL6001	1通道串口模块, Modbus主站/Modbus从站/自由协议 1-channel serial port module, Modbus master/Modbus slave/free protocol
电源模块	TL9410	电源扩展模块, SV:5V/2AFV:24V/8A Power expansion module, SV: 5V/2A FV: 24V/8A