

TX200 HMI/PLC系列

7"显示器-带TARGET和WEB VISU的CODESYS V3 PLC

优质塑料外壳和带有电阻式触摸屏的箔式正面

TX207-P3CV01

型号	TX207-P3CV01
货号	100002080

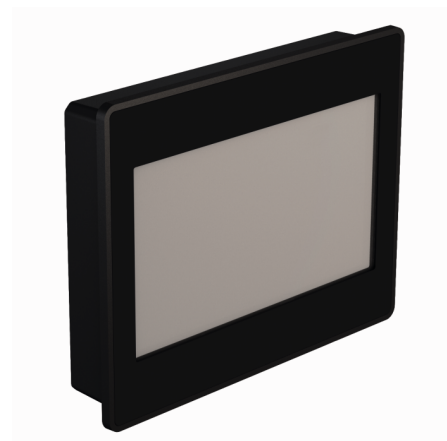
显示屏/触摸	
Display	TFT colour
触摸屏	电阻式, 前侧箔片
Active screen area	7"
分辨率 (像素)	800 × 480像素 WVGA
格式	16:9
亮度	200 cd/m² (典型值)
可调光	是

Controller	
Processor	ARM Cortex A9, 双核800 MHz
功能	4 GB Flash
RAM memory	1024 MB
Add-on memory	2个USB主机端口
实时时钟	是 (电池缓冲)

PLC数据	
编程	CODESYS V3
为 CODESYS 版本发布	V 3.5.12.10
编程语言	IEC 61131-3 (IL, LD, FBD, SFC, ST)
编程接口	Ethernet
程序内存	20000 k字节
非易失内存	63 k字节

接口	
Onboard	2个RJ45以太网端口、4个RS232/485/422端口、2个CAN端口、2个USB主机端口、1个电源端口
Ethernet	ETH0 - 10/100/1000 Mbit ETH1 - 10/100 Mbit
Protocols	PROFINET (Controller/Master) EtherNet/IP (Scanner/Adapter) Modbus TCP (Server/Client) EtherCAT (MainDevice)
Fieldbus	Modbus RTU (Server/Client) CANopen (Server)
USB	2个主机端口
Serial	2x RS232, 2x RS422 / RS485, 2x CAN

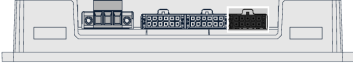
Power supply	
额定值	24 VDC , 最大值0.3 A
Admissible voltage range	10...32 VDC

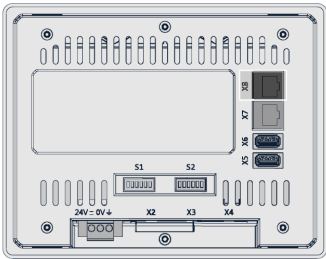


- 7" TFT 宽屏幕彩色显示器
- LED 背光
- 800 x 480像素分辨率
- 64 K色
- 电阻触摸屏
- 2个单独的RJ45以太网端口
- 4个串行接口 (2 × RS232 , 2 × RS422/RS485)
- 2个CAN接口
- 2 个 USB 主机端口

常用数据	
Operating ambient conditions	0...50 °C, 5...85 % 相对湿度，非冷凝
Storage ambient conditions	-20...70 °C, 5...85 %相对湿度，非冷凝
认证	CE cULus
防护等级	前端IP66，后端IP20 NEMA类型：2/4X
Dimensions	
Front (W x H x D)	187 x 147 x 34 mm
Cut-out (W x H)	176 x 136 mm
安装厚度	29+5 mm
重量	approx. 0.6 kg

Connection and pin assignment

	供电 电源连接器随每件装置一同提供。	针脚分配  1 = 24 VDC 2 = 0 V 3 = $\perp$
	串行接口 X2 — RS422/RS485 (COM2) + CAN (CAN0)	针脚分配  1 = CAN - GND 2 = CAN - terminating resistor 3 = CAN - CAN-H 4 = CAN - CAN-L 5 = CAN - terminating resistor 6 = RS485 - terminating resistor 7 = RS485 - GND 8 = RS485 - terminating resistor 9 = RS485 - Y (TX+) 10 = RS485 - Z (TX-) 11 = RS485 - A (RX+) 12 = RS485 - B (RX-)
	串行接口 X3 — RS422/RS485 (COM3) + CAN (CAN1)	针脚分配  1 = CAN - GND 2 = CAN - terminating resistor 3 = CAN - CAN-H 4 = CAN - CAN-L 5 = CAN - terminating resistor 6 = RS485 - terminating resistor 7 = RS485 - GND 8 = RS485 - terminating resistor 9 = RS485 - Y (TX+) 10 = RS485 - Z (TX-) 11 = RS485 - A (RX+) 12 = RS485 - B (RX-)
	串行接口 X4 — RS232 (COM1) + RS232 (COM4)	针脚分配  1 = GND (COM1) 2 = TX (COM1) 3 = RX (COM1) 4 = RTS (COM1) 5 = CTS (COM1) 6 = GND (COM4) 7 = TX (COM4) 8 = RX (COM4) 9 = RTS (COM4) 10 = CTS (COM4)

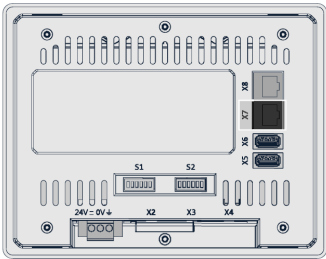


Ethernet
X8 — 以太网端口1 (10/100 Mbit)

针脚分配



- 1 = TX +
- 2 = TX -
- 3 = RX +
- 4 = n.c.
- 5 = n.c.
- 6 = RX -
- 7 = n.c.
- 8 = n.c.

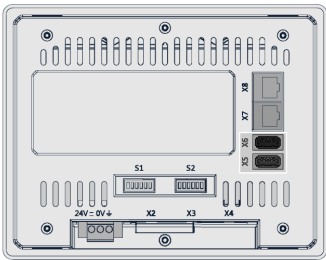


Ethernet
X7 — 以太网端口0 (10/100/1000 Mbit)

针脚分配



- 1 = TX +
- 2 = TX -
- 3 = RX +
- 4 = n.c.
- 5 = n.c.
- 6 = RX -
- 7 = n.c.
- 8 = n.c.



USB 接口

针脚分配



- 1 = 5VDC
- 2 = D -
- 3 = D +
- 4 = GND

附件

型号	货号		尺寸图
TX200-MOUNT-07	100003206	TX200安装支架和电源连接器，用于7"设备	

Function accessories

型号	货号		尺寸图
TX-PSC	100002938	TX HMI设备的电源插头	