

TX400 HMI/PLC产品系列  
5"显示屏 — CODESYS V3 PLC，配备TARGET和WEB VISU  
优质塑料外壳，电容式薄膜触控面板  
TX405-P3CV01

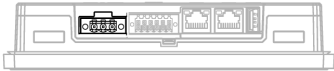
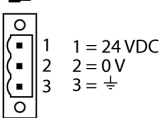
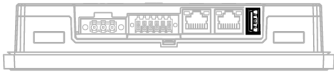
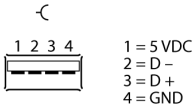
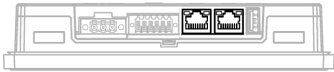
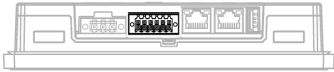
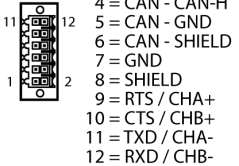
|                          |                                                                                                                      |
|--------------------------|----------------------------------------------------------------------------------------------------------------------|
| 型号                       | TX405-P3CV01                                                                                                         |
| 货号                       | 100051167                                                                                                            |
| 显示屏/触摸                   |                                                                                                                      |
| Display                  | TFT colour                                                                                                           |
| 触摸屏                      | 电容式                                                                                                                  |
| Active screen area       | 5"                                                                                                                   |
| 分辨率 (像素)                 | 800 × 480像素 WVGA                                                                                                     |
| 格式                       | 16:9                                                                                                                 |
| 亮度                       | 400 cd/m² ( 典型值 )                                                                                                    |
| 可调光                      | 是,至0%                                                                                                                |
| Controller               |                                                                                                                      |
| Processor                | 64位RISC, 四核1.6 GHz                                                                                                   |
| 功能                       | 4 GB Flash                                                                                                           |
| RAM memory               | 2048 MB                                                                                                              |
| Add-on memory            | 1 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 3.5.19.20                                                                                                          |
| 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，1个CAN端口，1个RS232/RS485/RS422端口，1个USB主机端口，1个电源端口                                                           |
| Ethernet                 | ETH0 - 10/100 Mbit<br>ETH1 - 10/100 Mbit                                                                             |
| Protocols                | PROFINET (Controller/Device)<br>EtherNet/IP (Scanner/Adapter)<br>Modbus TCP (Server/Client)<br>EtherCAT (MainDevice) |
| Fieldbus                 | Modbus RTU (Server/Client)<br>CANopen (Server)                                                                       |
| USB                      | 1个主机端口                                                                                                               |
| Serial                   | 1x RS232 / RS485 / RS422, 1x CAN                                                                                     |
| Power supply             |                                                                                                                      |
| 额定值                      | 电压24 VDC，最大电流0.9 A                                                                                                   |
| Admissible voltage range | 10...32 VDC                                                                                                          |



- 2个单独的RJ45以太网端口
- 1个串行接口(RS232/RS422/RS485)
- 1个CAN接口
- 1个USB主机端口

| 常用数据                         |                                   |
|------------------------------|-----------------------------------|
| Operating ambient conditions | -20...55 °C , 5%...85%相对湿度 , 无冷凝  |
| Storage ambient conditions   | -30...70 °C , 5%...85%相对湿度 , 无冷凝  |
| 认证                           | CE<br>cULus                       |
| 防护等级                         | 前端IP66 , 后端IP20<br>NEMA类型 : 12/4X |
| Dimensions                   |                                   |
| Front (W x H x D)            | 107 x 147 x 37 mm                 |
| Cut-out (W x H)              | 136 x 96 mm                       |
| 安装厚度                         | 29+8 mm                           |
| 重量                           | approx. 0.5 kg                    |

Connection and pin assignment

|                                                                                     |                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p>供电</p> <p>电源接插件随每件装置一同提供。可作为附件重新从图尔克订购。</p> <p>型号名称：TX-Mount-xx</p>                                                                                                                                                                                                                                              | <p>针脚分配</p>                                                                                                                                                                                                                                    |
|    | <p>USB 接口</p>                                                                                                                                                                                                                                                                                                       | <p>针脚分配</p>                                                                                                                                                                                                                                    |
|  | <p>以太网端口</p> <p>以太网端口是独立的。</p> <p>以太网线（示例）：</p> <p>RJ45公头接插件转RJ45公头接插件：RJ45S-RJ45S-4422-2M<br/>（ID：6635218）</p> <p>RJ45公头接插件转M12公头接插件，4针，D型：RSSD-RJ45S-4422-2M<br/>（ID：6635170）</p> <p>RJ45公头接插件转M8公头接插件，4针：PSGS4M-RJ45S-4422-2M<br/>（ID：6635247）</p> <p>RJ45公头接插件转M12母头插座，4针，D型：RJ45-FKSDD-4414-2M（ID：6935282）</p> | <p>针脚分配</p>  <p>1 = TX +<br/>2 = TX -<br/>3 = RX +<br/>4 = n.c.<br/>5 = n.c.<br/>6 = RX -<br/>7 = n.c.<br/>8 = n.c.</p>                                                                                                                      |
|  | <p>串行接口</p> <p>串行接口可以是RS232、RS485或RS422工作模式。</p>                                                                                                                                                                                                                                                                    | <p>针脚分配</p>  <p>1 = CAN - H<br/>2 = CAN 120 Ohm<br/>3 = CAN - CAN-L<br/>4 = CAN - CAN-H<br/>5 = CAN - GND<br/>6 = CAN - SHIELD<br/>7 = GND<br/>8 = SHIELD<br/>9 = RTS / CHA+<br/>10 = CTS / CHB+<br/>11 = TXD / CHA-<br/>12 = RXD / CHB-</p> |

## 附件

| 型号             | 货号        |                         | 尺寸图 |
|----------------|-----------|-------------------------|-----|
| TX700-MOUNT-10 | 100003189 | TX700安装支架和电源连接器，用于10"设备 |     |

## Function accessories

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