

Product datasheet

Specifications



advanced touchscreen panel - 320 x 240 pixels QVGA - 5.7" - TFT LCD - 24 V DC

XBTGT2930

⚠ Discontinued on: 31 Dec 2020

⚠ To be end-of-service on: 31 Dec 2024

⚠ Discontinued

Main

| | |
|---------------------------------------|---|
| Range Of Product | Harmony XBTGT |
| Product Or Component Type | Advanced touchscreen panel |
| Display Type | Backlit colour TFT LCD |
| Display Colour | 65536 colours |
| Display Resolution | 320 x 240 pixels QVGA |
| Display Size | 5.7 inch |
| Software Type | Configuration software |
| Software Designation | Vijeo Designer |
| Operating System | Harmony |
| Processor Name | CPU RISC |
| Processor Frequency | 266 MHz |
| Memory Description | 512 KB SRAM back up of data with lithium battery back-up 16 MB flash EPROM application memory |
| Integrated Connection Type | RJ45 connector COM2 serial link with RS485 interface at <= 187.5 kbit/s, compatible with Siemens MPI (187.5 kbits/s) male SUB-D 9 connector COM1 serial link with RS232C/RS422/RS485 interface at <= 115.2 kbits/s removable screw terminal block connector power supply RJ45 connector Ethernet TCP/IP USB type A master port (V1.1), compatible with Modicon M340 terminal port communication |
| Resistance To Electrostatic Discharge | 6 kV conforming to IEC 61000-4-2 level 3 |
| Cut-Out Dimensions | 156 (+ 1/- 0) x 123.5 (+ 1/- 0) mm |

Complementary

| | |
|---------------------------|---|
| Touch Sensitive Zone | 1024 x 1024 |
| Touch Panel | Analogue |
| Backlight Lifespan | 75000 hours |
| Brightness | 8 levels via touch panel |
| Character Font | Japanese (ANK, Kanji) Taiwanese (traditional Chinese) ASCII (European characters) Chinese (simplified Chinese) Korean |
| [Us] Rated Supply Voltage | 24 V DC |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|------------------------|--|
| Supply | External source |
| Supply Voltage Limits | 19.2...28.8 V |
| Inrush Current | 30 A |
| Power Consumption In W | 26 W |
| Local Signalling | 1 LED (green or orange) for normal operation or backlighting faulty |
| Number Of Pages | Limited by internal memory capacity |
| Downloadable Protocols | Telemecanique Modicon FIPWAY Telemecanique Modicon Modbus Plus Telemecanique Modicon Modbus TCP Telemecanique Modicon Modbus Mitsubishi Melsec third party protocols Omron Sysmac third party protocols Rockwell Automation Allen-Bradley third party protocols Siemens Simatic third party protocols Telemecanique Modicon Uni-TE |
| Realtime Clock | Built-in |
| Data Storage Equipment | 1 Compact Flash card >= 1 GB |
| Use Of Slot | For 1 fieldbus communication card (Device Net, Profibus DP) |
| Port Ethernet | 10BASE-T/100BASE-TX |
| Product Mounting | Flush mounting |
| Fixing Mode | By 2 spring clips By 4 screw clamps |
| Front Material | Aluminium alloy |
| Enclosure Material | PPT |
| Marking | CE |
| Width | 167.5 mm |
| Height | 135 mm |
| Depth | 59.5 mm |
| Net Weight | 1 kg |

Environment

| | |
|---------------------------------------|--|
| Immunity To Microbreaks | 5 ms |
| Standards | IEC 61000-6-2 FCC Class A EN 61131-2 UL 508 |
| Product Certifications | C-Tick cULus |
| Ambient Air Temperature For Operation | 0...50 °C |
| Ambient Air Temperature For Storage | -20...60 °C |
| Relative Humidity | 0...90 % without condensation |
| Operating Altitude | < 2000 m |
| Ip Degree Of Protection | IP20 (rear panel) conforming to IEC 60529 IP65 (front panel) conforming to IEC 60529 |
| Shock Resistance | 15 gn for 11 ms conforming to IEC 60068-2-27 |
| Vibration Resistance | 1 gn conforming to IEC 60068-2-6 (f = 9...150 Hz) 3.5 mm conforming to IEC 60068-2-6 (f = 5...9 Hz) |
| Resistance To Electromagnetic Fields | 10 V/m conforming to IEC 61000-4-3 |

| | |
|-------------------------------|--|
| Resistance To Fast Transients | 2 kV conforming to IEC 61000-4-4 level 3 |
|-------------------------------|--|

Packing Units

| | |
|------------------------------|----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 18.4 cm |
| Package 1 Width | 23.7 cm |
| Package 1 Length | 13.8 cm |
| Package 1 Weight | 1.455 kg |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Sustainability




Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

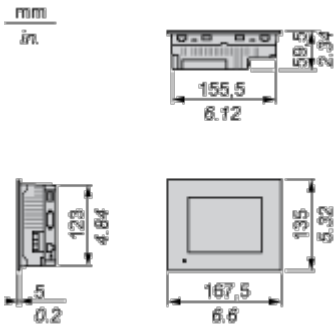
[Guide to assess a product’s sustainability >](#)

Well-being performance

| | |
|--|---|
|  Reach Free Of Svhc | |
|  Mercury Free | |
|  Rohs Exemption Information | Yes |
| Reach Regulation | REACH Declaration |
| Eu Rohs Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| China Rohs Regulation | China RoHS declaration |
| Weee | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Dimensions Drawings

Dimensions

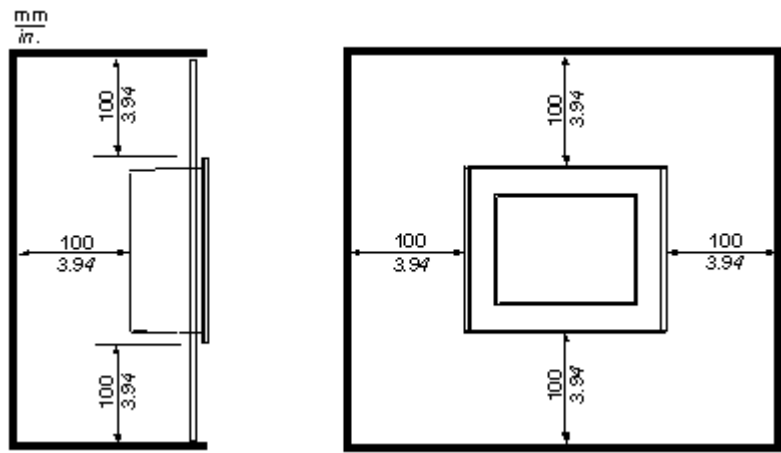


Mounting and Clearance

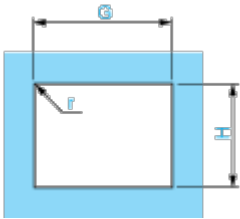
Clearance

Installation Requirements

For easier maintenance, operation and improved ventilation, be sure to install the unit at least 100 mm (3.94 in) away from adjacent structures and other equipment:



Panel Cut-out Dimensions



Dimensions in mm

| Graphic Display Terminal | Cut-out for Flush Mounting | | | |
|---|----------------------------|----------------|--------|-----------------|
| | H (-/+ 0.1 mm) | G (-/+ 0.1 mm) | r | Panel Thickness |
| XBTGT1105 XBTGT1135 XBTGT1335 | 92.5 | 118 | 3 max. | 1.6 ... 5 |
| XBTGT2110 XBTGT2120 XBTGT2130 XBTGT2220 XBTGT2330 | 123.5 | 156 | 3 max. | 1.6 ... 5 |
| XBTGT4230 XBTGT4330 XBTGT4340 | 159.5 | 204.5 | 3 max. | 1.6 ... 10 |
| XBTGT5230 XBTGT6330 XBTGT6340 | 227.5 | 301.5 | 3 max. | 1.6 ... 10 |
| XBTGT5330 XBTGT5340 | 201 | 259 | 3 max. | 1.6 ... 10 |
| XBTGT7340 | 282.5 | 383.5 | 3 max. | 1.6 ... 10 |

Dimensions in in.

| Graphic Display Terminal | Cut-out for Flush Mounting | | | |
|---|----------------------------|------------------|-----------|-----------------|
| | H (-/+0.004 in.) | G (-/+0.004 in.) | r | Panel Thickness |
| XBTGT1105 XBTGT1135 XBTGT1335 | 3.64 | 4.65 | 0.12 max. | 0.06 ... 0.20 |
| XBTGT2110 XBTGT2120 XBTGT2130 XBTGT2220 XBTGT2330 | 4.86 | 6.14 | 0.12 max. | 0.06 ... 0.20 |
| XBTGT4230 XBTGT4330 XBTGT4340 | 6.28 | 8.05 | 0.12 max. | 0.06 ... 0.39 |
| XBTGT5230 XBTGT6330 XBTGT6340 | 8.96 | 11.87 | 0.12 max. | 0.06 ... 0.39 |

| Graphic Display Terminal | Cut-out for Flush Mounting | | | |
|--------------------------|----------------------------|------------------|-----------|-----------------|
| | H (-/+0.004 in.) | G (-/+0.004 in.) | r | Panel Thickness |
| XBTGT5330 XBTGT5340 | 7.91 | 10.20 | 0.12 max. | 0.06 ... 0.39 |
| XBTGT7340 | 11.12 | 15.10 | 0.12 max. | 0.06 ... 0.39 |