# Product datasheet

Specifications



## advanced touchscreen panel - 640 x 480 pixels VGA - 7.5" - TFT LCD - 24 V DC

XBTGT4330

Discontinued on: 10 Feb 2023

Discontinued

**EAN Code: 3595863885729**

## 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** | 640 x 480 pixels VGA |
| **Display size** | 7.5 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<br>32 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)<br>male SUB-D 9 connector COM1 serial link with RS232C/RS422/RS485 interface at <= 115.2 kbits/s<br>removable screw terminal block connector power supply<br>RJ45 connector Ethernet TCP/IP<br>3 removable screw terminal block connector digital output<br>removable screw terminal block connector audio output<br>removable screw terminal block connector digital input<br>USB type A master port (V1.1) |
| **Resistance to electrostatic discharge** | 6 kV conforming to IEC 61000-4-2 level 3 |
| **Cut-out dimensions** | 204.5 (+ 1/- 0) x 159.5 (+ 1/- 0) mm |

## Complementary

| | |
|---|---|
| **Touch sensitive zone** | 1024 x 1024 |
| **Touch panel** | Analogue |
| **Backlight lifespan** | 54000 hours |
| **Brightness** | 8 levels via touch panel |
| **Contrast** | 8 levels via touch panel |
| **Character font** | Japanese (ANK, Kanji)<br>Korean<br>Chinese (simplified Chinese)<br>ASCII (European characters)<br>Taiwanese (traditional Chinese) |

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

| | |
|---|---|
| **[Us] rated supply voltage** | 24 V DC |
| **Supply** | External source |
| **Supply voltage limits** | 19.2…28.8 V |
| **Inrush current** | 30 A |
| **Power consumption in W** | 28 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<br>Telemecanique Modicon Modbus Plus<br>Telemecanique Modicon Modbus TCP<br>Telemecanique Modicon Modbus<br>Mitsubishi Melsec third party protocols<br>Omron Sysmac third party protocols<br>Rockwell Automation Allen-Bradley third party protocols<br>Siemens Simatic third party protocols<br>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 4 screw clamps<br>By 4 spring clips |
| **Front material** | Aluminium alloy |
| **Enclosure material** | PPT |
| **Marking** | CE |
| **Width** | 215 mm |
| **Height** | 170 mm |
| **Depth** | 60 mm |
| **Net weight** | 1.8 kg |

# Environment

| | |
|---|---|
| **Immunity to microbreaks** | 10 ms |
| **Standards** | FCC Class A<br>UL 508<br>UL 1604<br>IEC 61000-6-2<br>EN 61131-2<br>CSA C22.2 No 14 |
| **Product certifications** | UL Class 1 Division 2 T5<br>ATEX zone 2/22<br>CSA Class 1 Division 2 T4A<br>cULus<br>CSA Class 1 Division 2 T5<br>C-Tick<br>UL Class 1 Division 2 T4A |
| **Ambient air temperature for operation** | 0…50 °C |
| **Ambient air temperature for storage** | -20…60 °C |
| **Relative humidity** | 10…90 % without condensation |
| **Operating altitude** | < 2000 m |

| | |
|---|---|
| **IP degree of protection** | IP20 (rear panel) conforming to IEC 60529<br>IP65 (front panel) conforming to IEC 60529 |
| **NEMA degree of protection** | NEMA 4X front panel (indoor use) |
| **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)<br>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** | 18.5 cm |
| **Package 1 Width** | 27 cm |
| **Package 1 Length** | 30.5 cm |
| **Package 1 Weight** | 2.754 kg |

## Logistical informations

| | |
|---|---|
| **Country of origin** | FR |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **620 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **126 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0.2 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0.3 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **493 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **1 kg CO2 eq.** |

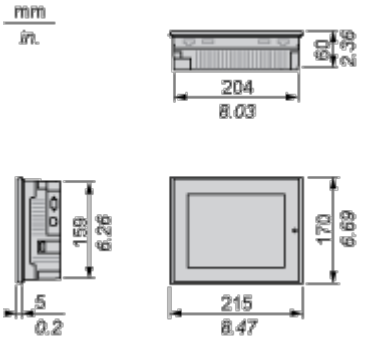
## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **25** |

Dimensions Drawings

## Dimensions

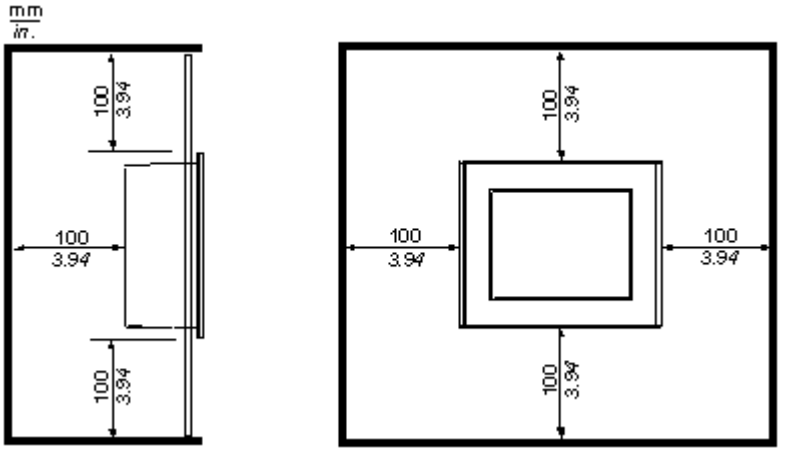


## Mounting and Clearance

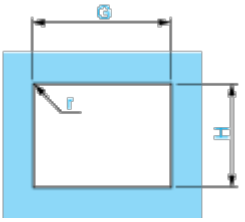
### Clearance

#### 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<br>XBTGT1135<br>XBTGT1335 | 92.5 | 118 | 3 max. | 1.6 ... 5 |
| XBTGT2110<br>XBTGT2120<br>XBTGT2130<br>XBTGT2220<br>XBTGT2330 | 123.5 | 156 | 3 max. | 1.6 ... 5 |
| XBTGT4230<br>XBTGT4330<br>XBTGT4340 | 159.5 | 204.5 | 3 max. | 1.6 ... 10 |
| XBTGT5230<br>XBTGT6330<br>XBTGT6340 | 227.5 | 301.5 | 3 max. | 1.6 ... 10 |
| XBTGT5330<br>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<br>XBTGT1135<br>XBTGT1335 | 3.64 | 4.65 | 0.12 max. | 0.06 ... 0.20 |
| XBTGT2110<br>XBTGT2120<br>XBTGT2130<br>XBTGT2220<br>XBTGT2330 | 4.86 | 6.14 | 0.12 max. | 0.06 ... 0.20 |
| XBTGT4230<br>XBTGT4330<br>XBTGT4340 | 6.28 | 8.05 | 0.12 max. | 0.06 ... 0.39 |
| XBTGT5230<br>XBTGT6330<br>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<br>XBTGT5340 | 7.91 | 10.20 | 0.12 max. | 0.06 ... 0.39 |
| XBTGT7340 | 11.12 | 15.10 | 0.12 max. | 0.06 ... 0.39 |