

## Touch panel - TP 3121T - 2700921

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Touch panel with 30.7 cm (12.1") graphics-capable TFT display, 65,535 colors, 800 x 600 pixels, 1 x Ethernet, 2 x USB, and integrated runtime of the Visu+ visualization software.

### Product Features

- Easy installation, low installation depth, and compact design
- Short startup time
- Visu+ RT and AX OPC server integrated as standard in all devices
- Display available in sizes from 14.5 cm (5.7") to 30.7 cm (12")
- Can be extended with external CF card
- Can be extended with external CF card
- Energy efficient due to LED backlighting

### Key commercial data

Packing unit	1 pc
Custom tariff number	84714100
Country of origin	Germany

### Technical data

#### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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#### Dimensions

External dimension, width	340 mm
External dimension, height	270 mm
External dimension, depth	5 mm
Note regarding external dimension	Dimensions of the front plate
Installation dimension, width	315 mm
Installation dimension, height	243.5 mm
Note regarding installation dimension	65 mm, approximately with fieldbus interface

#### Display

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## Technical data

### Display

Display	30.7 cm/12.1" TFT
Resolution	800 x 600 Pixel (SVGA)
Backlighting	LED
Display backlight MTBF	50000 h
Touch screen	Resistive industrial touch screen
Colors	65,536 colors

### Computer data

Processor	Xscale® PXA320, 806 MHz
RAM	128 MB SDRAM
Mass storage	1 GB Flash
Interfaces	2x USB Host 1.1, 1x Compact Flash®
Optional interfaces	1x CF card, type I and II
Network	1 x Ethernet (10/100 Mbps), RJ45
Operating systems	Windows CE 6.0
Power supply unit	24 V DC ±20 %
Power consumption	16.8 VA

### General

Mounting type	Installation in front plate
Weight	2500 g

### Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
Ambient temperature (operation)	0 °C ... 50 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Permissible humidity (operation)	20 % ... 85 % (non-condensing)
Permissible humidity (storage/transport)	20 % ... 85 % (non-condensing)
Vibration (operation)	DIN EN 60068-2-6
Shock	DIN EN 60068-2-27

## Classifications

### eCl@ss

eCl@ss 4.0	27330202
eCl@ss 4.1	27330202
eCl@ss 5.0	27242215
eCl@ss 5.1	27242304
eCl@ss 6.0	27242301

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## Classifications

### eCl@ss

eCl@ss 7.0	27242301
eCl@ss 8.0	27242301

### ETIM

ETIM 3.0	EC001426
ETIM 4.0	EC001414
ETIM 5.0	EC001414

### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43211903
UNSPSC 13.2	43201404

## Approvals

### Approvals

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Approvals

UL Listed / cUL Listed / cULus Listed

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Ex Approvals


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Approvals submitted

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### Approval details

UL Listed 
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cUL Listed 
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## Approvals

