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

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

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approvals submitted

Approval details

UL Listed

cUL Listed

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Approvals

cULus Listed

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