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Touch panel with 17.8 cm (7.0") graphics-capable TFT display, 65,535 colors, 800 x 480 pixels, 1 x Ethernet, 2 x USB and integrated runtime of the Visu+ visualization software

#### Why buy this product

- 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
GTIN	4 046356 585330
Weight per Piece (excluding packing)	3.33 kg
Weight per piece (including packing)	3.33 kg
Custom tariff number	84714100
Country of origin	Germany
Sales Key	P1 - HMIs + Industry PC

#### 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	203 mm
External dimension, height	147 mm
External dimension, depth	5 mm
Note regarding external dimension	Dimensions of the front plate
Installation dimension, width	195 mm
Installation dimension, height	139 mm



## Technical data

## Dimensions

Installation dimension, depth	49 mm
Note regarding installation dimension	55 mm, approximately with fieldbus interface

## Display

Display	17.8 cm/7" TFT
Resolution	800 x 480 Pixel (WVGA)
Backlighting	LED
Display backlight MTBF	40000 h
Touch screen	Resistive industrial touch screen
Colors	65,536 colors

## Computer data

Processor	Xscale <sup>®</sup> 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
Realtime clock	Yes (battery-backed)
Power supply unit	24 V DC ±20%
Power consumption	16.8 VA

#### General

Mounting type	Installation in front plate
Weight	1000 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	27242301



## Classifications

## eCl@ss

eCl@ss 6.0	27242301
eCl@ss 7.0	27242301
eCl@ss 8.0	27242302

#### **ETIM**

ETIM 2.0	EC001426
ETIM 3.0	EC001426
ETIM 4.0	EC001426
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 / DNV / cULus Listed

Ex Approvals

Approvals submitted

## Approval details

UL Listed 🐠

cUL Listed (10)

DNV



## Approvals



#### Accessories

Accessories

Battery module

Battery - HMI BATTERY - 2701383

CMOS battery



#### Mounting material

Mounting kit - HMI WALL MOUNTING KIT - 2701380

HMI mounting kit for panel installation. The mounting kit includes 2 spring clips.



#### Mounting kit - HMI SCB MOUNTING KIT 4 - 2701384



HMI mounting kit for installation on a front plate. The mounting kit includes 4 x mounting brackets, 4 x screw threads, and a hexagonal wrench.

## Mounting kit - HMI SCB MOUNTING KIT 6 - 2701385



HMI mounting kit for installation on a front plate. The mounting kit includes  $6 \times 10^{-5} \, \mathrm{kg}$  x screw threads, and a hexagonal wrench.



#### Accessories

Mounting kit - HMI SCB MOUNTING KIT 8 - 2701387



HMI mounting kit for installation on a front plate. The mounting kit includes 8 x mounting brackets, 8 x screw threads, and a hexagonal wrench.

#### Operating stylus

Touch pen - TOUCH PEN - 2701379



Touch pen for HMIs, silver coated. Delivery includes self-adhesive pen holder.

#### Parameterization memory

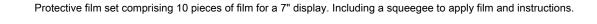
Memory - CF FLASH 256MB - 2988780



Program and configuration memory, plug-in, 256 MB

#### Protective foil

Protective foil - 7" DISPLAY PROTECTIVE FOIL - 2701374





#### Storage medium

USB memory stick - 2 GB USB STICK - 2701382



USB memory stick, 2 GB.



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