

Touch panel - TP 10T - 2985181

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Touch panel with 26.4 cm/10.4" TFT-display (analog resistive (polyester)), 640 x 480 pixel(s) (VGA), 65536 colors, Xscale® PXA320, 806 MHz, 2x USB Host 1.1, 1x Compact Flash®, 1 x Ethernet (10/100 Mbps), RJ45, Windows CE 5.0 and user software: Visu+ / AX OPC Server. (bus system: without)

Your advantages

- ✓ Short startup time
- ✓ Easy installation, low installation depth, and compact design
- ✓ Display available in sizes from 8.9 cm (3.8") to 38.1 cm (15")
- ✓ Visu+ RT and AX OPC server integrated as standard in all devices
- ✓ Energy efficient due to LED backlighting

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 117210
GTIN	4046356117210
Weight per Piece (excluding packing)	3,175.000 g
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

Outer dimensions: width, height, depth	328 mm x 249 mm x 5 mm (Dimensions of the front plate)
Installation dimensions: width, height, depth	303 mm x 222 mm x 60 mm

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Technical data

Display

Display	26.4 cm/10.4" TFT
Screen resolution	640 x 480 Pixel(s) (VGA)
Touch technology	analog resistive (polyester)
Backlighting	LED
Colors	65536 colors

Computer data

Processor	Xscale® PXA320, 806 MHz
Operating system	Windows® CE 5.0
User software	Visu+
	AX OPC Server
RAM	128 MB SDRAM
Mass storage	Flash, 1 GB
Network	1 x Ethernet (10/100 Mbps), RJ45
Interfaces	2x USB Host 1.1, 1x Compact Flash®
Bus system	without

General

Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated
Mounting type	Front installation

Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
	NEMA 4X
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)	10 % ... 95 % (non-condensing)
Vibration (operation)	DIN EN 60068-2-6
Shock	DIN EN 60068-2-27

Device supply

Power supply unit	24 V DC ±20 %
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Standards and Regulations

Shock	DIN EN 60068-2-27
Vibration (operation)	DIN EN 60068-2-6

Environmental Product Compliance

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Technical data

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 15;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 5.1	27330200
eCl@ss 6.0	27242300
eCl@ss 7.0	27242302
eCl@ss 8.0	27242302
eCl@ss 9.0	27330201

ETIM

ETIM 2.0	EC001426
ETIM 3.0	EC001426
ETIM 4.0	EC001412
ETIM 5.0	EC001412
ETIM 6.0	EC001412

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43211903
UNSPSC 13.2	43211904

Approvals

Approvals

Approvals

BV / UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

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Approvals

BV		http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials	41475/A0 BV
UL Listed		http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm	FILE E 205795
cUL Listed		http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm	FILE E 205795
EAC			RU *- DE.A*30.B.00238
cULus Listed			

Accessories

Accessories

Battery module

Battery / accumulator - HMI BATTERY - 2701383

Lithium battery



Mounting material

Mounting material - HMI WALL MOUNTING KIT - 2701380

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



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Accessories

Mounting material - 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 material - HMI SCB MOUNTING KIT 6 - 2701385



HMI mounting kit for installation on a front plate. The mounting kit includes 6 x mounting brackets, 6 x screw threads, and a hexagonal wrench.

Mounting material - 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 analog-resistive HMIs, silver coated. Delivery includes self-adhesive pen holder.

Parameterization memory

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Accessories

Memory - CF FLASH 256MB - 2988780



Program and configuration memory, plug-in, 256 MB

PCB plug

Printed-circuit board connector - MSTB 2,5/ 3-STF BD:1-3 - 1896381



PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Protective foil

Protective foil - 10,4" DISPLAY PROTECTIVE FOIL - 2701376



Protective film set comprising 10 pieces of film for a 10.4" display. Including a squeegee to apply film and instructions.

Storage medium

USB memory stick - USB FLASH DRIVE - 2402809



USB memory stick, 8 GB

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Accessories

Memory card - VL 1 GB CF - 2913155



CompactFlash® card, pluggable, 1 GB

Memory card - VL 4 GB CF - 2913157



CompactFlash® card, pluggable, 4 GB

Memory card - VL 8 GB CF - 2913158



CompactFlash® card, pluggable, 8 GB
