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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# Touch panel - TP 5120S - 2403105

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Touch panel with 30.7 cm / 12.1" TFT-display (analog resistive (polyester)), 800 x 600 Pixel(s) (SVGA), 16.2 million colors, Intel® Atom™ N455 1.66 GHz, 4x USB 2.0, 1x COM (RS-232/422/485), 2x COM (RS-232), 2x Ethernet (10/100/1000 Mbps), RJ45, Windows® Embedded Compact 7 and user software: Visu+ / AX OPC Server. (bus system: without)

15-in. display shown

## Why buy this product

- IP65 degree of protection (front) IP20 degree of protection (back)
- LCD display with resistive touch screen
- Energy-efficient Intel® ATOM™ processors
- Three COM ports
- Fanless design
- Visu+ RT and AX OPC server integrated as standard in all devices



## Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4055626247908

## 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	365 mm
External dimension, height	282 mm
External dimension, depth	55 mm
Installation dimension, width	334 mm
Installation dimension, height	253 mm
Note regarding installation dimension	Installation cutout

# Touch panel - TP 5120S - 2403105

## Technical data

### Display

Display	30.7 cm / 12.1" TFT
Screen resolution	800 x 600 Pixel(s) (SVGA)
Backlighting	LED
Display backlight MTBF	> 50000 h
Touch technology	analog resistive (polyester)
Colors	16.2 million colors

### Computer data

Processor	Intel® Atom™ N455 1.66 GHz
Cooling	passive
Operating systems	Windows® Embedded Compact 7
User software	Visu+
	AX OPC Server
RAM	2 GB DDR3 SODIMM
Mass storage	CompactFlash®, 2 GB
Network	2x Ethernet (10/100/1000 Mbps), RJ45
Interfaces	4x USB 2.0
	1x COM (RS-232/422/485)
	2x COM (RS-232)
Monitor output	1x VGA
Bus system	without
Slots	without slots
Realtime clock	Yes (battery-backed)
Service life of battery	5 years (typical)

### General

Material front plate	Aluminum die-cast
Mounting type	Installation in front plate
Weight	4.6 kg

### Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
Ambient temperature (operation)	0 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)
Vibration (operation)	DIN EN 60068-2-6
Shock	15g, 11 ms in accordance with IEC 60068-2-27

### Device supply

Supply voltage	24 V DC
Supply voltage range	19.2 V DC ... 28.8 V DC

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## Technical data

### Device supply

Power consumption	typ. 12.5 W
Power supply unit	24 V DC $\pm$ 20 %

### Standards and Regulations

Shock	15g, 11 ms in accordance with IEC 60068-2-27
Vibration (operation)	DIN EN 60068-2-6

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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