Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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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PHŒNIX CONTACT

Touch panel - TP 5150S - 2403106

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Touch panel with 38.1 cm/15" TFT-display (analog resistive (polyester)), 1024 x 768 Pixel(s) (XGA), 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)

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

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	4 055626 247915
GTIN	4055626247915

Technical data

Note

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

Dimensions

External dimension, width	410 mm
External dimension, height	309 mm
External dimension, depth	55 mm
Installation dimension, width	386.6 mm
Installation dimension, height	285 mm
Note regarding installation dimension	Installation cutout

Display

PHŒNIX CONTACT

Touch panel - TP 5150S - 2403106

Technical data

Display

Display	38.1 cm/15" TFT
Screen resolution	1024 x 768 Pixel(s) (XGA)
Backlighting	CCFL
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
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	6.5 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
Power consumption	typ. 12.5 W

Touch panel - TP 5150S - 2403106

Technical data

Device supply

Power supply unit	24 V DC ±20 %

Standards and Regulations

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