TP121XIT-10/3103C240 S00006 - Touch panel

2400904

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Touch panel; 30.7 cm / 12.1"-TFT display (analog resistive (polyester)); 800 x 600 pixel(s) (SVGA); 262144 colors; Processor: Xscale® PXA320, 806 MHz; Interfaces: 2x USB host 1.1, 1x COM (RS-232/485), 1 x Ethernet (10/100 Mbps), RJ45; Operating system: Windows® CE 5.0; Software: TSvisRT; without bus system

Commercial data

Item number	2400904
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCABB
GTIN	4055626105192
Weight per piece (including packing)	2,500 g
Weight per piece (excluding packing)	2,500 g
Country of origin	DE

Technical data

Notes

Utilization restriction

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

Product properties

Product type	Operator panel

Computer data

Processor	Xscale® PXA320, 806 MHz
Operating system	Windows® CE 5.0
RAM	128 MB SDRAM
	1 MB SRAM
Data storage system	NAND-Flash, 1 GB

Display

Display type	30.7 cm / 12.1"-TFT
Screen resolution	800 x 600 Pixel(s) (SVGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	360 cd/m² typical (adjustable)
MTBF	50000 h
Color spectrum	262144 colors
Reading angle left	80.00 °
Reading angle right	80.00 °
Reading angle top	60.00 °
Reading angle bottom	80.00 °

Interfaces

Interfaces	2x USB host 1.1
	1x COM (RS-232/485)
Optional interfaces	CF slot
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	without bus system

System properties

User software	TSvisRT

Electrical properties

Service life of battery	5 years (typical)

Supply

Power supply unit	24 V DC ±20 %

Typical current consumption	0.7 A

Real-time clock

Real-time clock	Yes

Mounting

Mounting type	Front mounting

Material specifications

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

Environmental and real-life conditions

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
Altitude	3000 m
Permissible humidity (operation)	20 % ... 85 %
Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

Dimensions

External dimensions

Width / Height / Depth	340 mm / 270 mm / 5 mm (Dimensions of the front plate)

Installation dimensions

Width / Height / Installation depth	315 mm / 244 mm / 66 mm (Mounting cutout, depth with bus if bus system present in the device)

Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-15
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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