

Touch panel - TP 3121S/WT - 2403466

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Rugged touch panel with 30.7 cm / 12.1" TFT display (analog-resistive (GFG)), 800 x 600 pixels (SVGA), degree of protection: IP67 (front), extended temperature range, ARM®/ Cortex®-A8, 1000 MHz, Windows® Embedded Compact 7 and Visu+ application software.

Similar figure

Why buy this product

- Display can be read in sunlight
- Can be operated when wearing work gloves
- Resistant to UV and IR radiation
- Resistant to environmental influences, such as salt spray, termites, and chemicals
- Weatherproof thanks to IP67 protection

Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 381992
GTIN	4055626381992

Technical data

Note

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

Dimensions

External dimension, width	359 mm
External dimension, height	280 mm
External dimension, depth	5 mm
Note regarding external dimension	Dimensions of the front plate
Installation dimension, width	323 mm
Installation dimension, height	244 mm
Installation dimension, depth	58 mm
Note regarding installation dimension	Mounting cutout, depth with bus if bus system present in the device

Touch panel - TP 3121S/WT - 2403466

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 (GFG)
Colors	16.7 million colors

Computer data

Processor	ARM® Cortex®-A8, 1000 MHz
Operating systems	Windows® Embedded Compact 7
User software	Visu+
RAM	512 MB LPDDR SDRAM
	1 MB SRAM
Mass storage	NAND-Flash, 1 GB
Network	1 x Ethernet (10/100 Mbps), RJ45
Interfaces	2x USB 2.0
Bus system	without
Slots	1x SD
Realtime clock	Yes
Service life of battery	5 years (typical)

General

Extras	Integrated acoustic signal (buzzer)
Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated
Mounting type	Bolt fixing
Weight	2750 g

Ambient conditions

Degree of protection	IP67 (front), IP20 (back)
	NEMA 4X
Ambient temperature (operation)	-30 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Permissible humidity (operation)	5 % ... 95 % (Front)
	20 % ... 85 % (On the rear)
Vibration (operation)	1g, according to EN 60068-2-6
Shock	15g, according to IEC 60068-2-27

Device supply

Supply voltage	24 V DC
Power supply unit	24 V DC ±20 %

Standards and Regulations

Touch panel - TP 3121S/WT - 2403466

Technical data

Standards and Regulations

Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

Environmental Product Compliance

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

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

UL Listed / cUL Listed / cULus Listed

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 205795
-----------	---	---	---------------

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 205795
------------	---	---	---------------

cULus Listed			
--------------	---	--	--

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
 Flachsmarktstr. 8
 32825 Blomberg
 Germany
 Tel. +49 5235 300
 Fax +49 5235 3 41200
<http://www.phoenixcontact.com>