

Touch panel - TP 3121S/WT-65 - 1029343

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: IP65 (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

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 530659
GTIN	4055626530659

Technical data

Note

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

Dimensions

External dimension, width	340 mm
External dimension, height	270 mm
External dimension, depth	5 mm
Note regarding external dimension	Dimensions of the front plate
Installation dimension, width	315 mm
Installation dimension, height	244 mm
Installation dimension, depth	54 mm
Note regarding installation dimension	Mounting cutout, depth with bus if bus system present in the device

Touch panel - TP 3121S/WT-65 - 1029343

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	SD card
Realtime clock	Yes
Service life of battery	5 years (typical)

General

Extras	Integrated acoustic signal (buzzer)
Mounting type	Front installation
Weight	3000 g

Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
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

Power supply unit	24 V DC ±20 %
-------------------	---------------

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;
------------	---

Touch panel - TP 3121S/WT-65 - 1029343

Technical data

Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
--	---

Approvals




Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

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		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	

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>