

Touch panel - WP 3150S - 2400285

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Touch panel with 38.1 cm/15" TFT-display (analog resistive (polyester)), 1024 x 768 Pixel(s) (XGA), 16.7 million colors, ARM® Cortex®-A8, 1000 MHz, 2x USB host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Debian GNU/Linux and user software: Firefox Browser. (bus system: without)


Similar figure

Why buy this product

- For operational purposes only - the browser is the only interaction interface
- Flexible, thanks to open web standard and free choice of web server and visualization software
- No security updates are required for JAVA or Flash plug-ins thanks to HTML5
- HTML5-compatible browser integrated as standard in all devices
- Visualization of self-programmed JavaScript applications possible
- Display available in sizes from 14.5 cm (5.7") to 39.05 cm (15.4")
- Energy efficient due to LED backlighting
- Secure communication, thanks to SSL-encrypted data transmission



Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 064642
GTIN	4055626064642

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	400 mm
External dimension, height	329 mm
External dimension, depth	5 mm
Note regarding external dimension	Dimensions of the front plate
Installation dimension, width	372 mm

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Technical data

Dimensions

Installation dimension, height	301 mm
Note regarding installation dimension	Installation cutout
Installation dimension, depth	55 mm

Display

Display	38.1 cm/15" TFT
Screen resolution	1024 x 768 Pixel(s) (XGA)
Backlighting	LED
Display backlight MTBF	50000 h
Touch technology	analog resistive (polyester)
Colors	16.7 million colors

Computer data

Processor	ARM® Cortex®-A8, 1000 MHz
Operating systems	Debian GNU/Linux
User software	Firefox Browser
RAM	512 MB RAM
	1 MB SRAM
Mass storage	NAND-Flash, 1 GB
Network	1 x Ethernet (10/100 Mbps), RJ45
Interfaces	2x USB host 2.0
Bus system	without
Slots	1x SD
Realtime clock	Yes (battery-backed)
Service life of battery	5 years (typical)

General

Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated
Mounting type	Front installation
Weight	3000 g

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
Permissible humidity (operation)	20 % ... 85 % (non-condensing)
Permissible humidity (storage/transport)	20 % ... 85 % (non-condensing)
Vibration (operation)	DIN EN 60068-2-6
Shock	DIN EN 60068-2-27

Device supply

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Technical data

Device supply

Supply voltage	24 V DC
Supply voltage range	18 V DC ... 30 V DC
Typical current consumption	typ. 0.6 A
Power consumption	typ. 14.4 W
Power supply unit	24 V DC ±20 %

Standards and Regulations

Shock	DIN EN 60068-2-27
Vibration (operation)	DIN 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
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 205795
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cULus Listed			
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