

VL3 FPM 238 - Monitor

1580713

<https://www.phoenixcontact.com/us/products/1580713>



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VL3 FPM 238 is a 23.8-inch, 1920 x 1080, industrial touch, IP66-rated, flat panel monitor with the look and dimensions of the WP 6.../TP 6... and VL3 PPC.

Product description

The Valueline VL3 FPM is an industrial, flat-panel monitor for use in applications where a remote display location is required.

Your advantages

- 23.8" display
- DisplayPort, VGA, and HDMI input ports
- 2x USB Ports for Keyboard & Mouse use
- Ambient operating temperatures from -20 °C ... 60 °C

Commercial data

Item number	1580713
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR12
Product key	DRBAAD
GTIN	4067923071476
Weight per piece (including packing)	14,700 g
Weight per piece (excluding packing)	9,200 g
Country of origin	TW

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Technical data

Notes

Note on application	Only for industrial use
Note on application	As things stand now, we are preparing the product so that, as of December 11, 2027, it will comply with the requirements of the EU Cyber Resilience Act (CRA) based on the information currently available regarding the CRA.

Product properties

Product type	Monitor
Special properties	The product is being prepared for compliance with the Cyber Resilience Act (CRA)

Computer data

Extras	without
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Display

Display type	60.5 cm / 23.8"-TFT
Screen resolution	1920 x 1080 Pixel(s)
Display formats	16:9
Touch technology	Capacitive multi-touch screen
Display lighting type	LED
Brightness	450 cd/m ²
MTBF	50000 h
Color spectrum	16.7 million colors

Electrical properties

Supply

Supply voltage (DC)	24 V DC $\pm$ 20%
Max. current consumption	1.44 A (24 V DC)

Connection data

Power supply

Connection method	Push-in technology
Conductor cross-section, rigid	0.2 mm ² ... 1.5 mm ²
Conductor cross-section AWG	24 ... 16
Stripping length	30 mm

Interfaces

Interfaces	1x USB Type A (For touch control only)
	1x DisplayPort
	1x HDMI
	1x VGA

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Dimensions

Installation dimensions

Width / Height / Installation depth	571 mm / 354 mm / 54 mm (Panel cutout)
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Material specifications

Color (Housing)	white aluminium (RAL 9006)
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66 (front (panel mount)) IP30 (back/all around when VESA installed)
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Altitude	≤ 2000 m
Permissible humidity (operation)	10 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	10 % ... 95 % (non-condensing)
Shock	15g, 11 ms in accordance with IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

Mounting

Mounting type	Panel cutout
	VESA holder
Holder system	VESA MIS-D 100 C (Voids UL 61010 listing)

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Approvals

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	IECEE CB Scheme Approval ID: US-45363-UL
	cULus Listed Approval ID: E238705-D1066 UL CoC
	cULus Listed Approval ID: E196811-20250620

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Classifications

ECLASS

ECLASS-13.0	19200201
ECLASS-15.0	19200201

ETIM

ETIM 10.0	EC004862
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

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.)	Lead(CAS: 7439-92-1)
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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com