

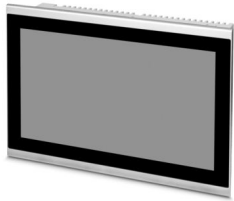
# VL3 FPM 238 - Monitor

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) | 9,400 kg      |
| Weight per piece (excluding packing) | 6,200 kg      |
| Country of origin                    | TW            |

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## Technical data

### Notes

|                     |                         |
|---------------------|-------------------------|
| Note on application | Only for industrial use |
|---------------------|-------------------------|

### Product properties

|              |         |
|--------------|---------|
| Product type | Monitor |
|--------------|---------|

### Computer data

|        |         |
|--------|---------|
| Extras | without |
|--------|---------|

### 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 <sup>2</sup>         |
| 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 <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| 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                                 |

### Dimensions

#### Installation dimensions

|                                     |                                        |
|-------------------------------------|----------------------------------------|
| Width / Height / Installation depth | 571 mm / 354 mm / 54 mm (Panel cutout) |
|-------------------------------------|----------------------------------------|

## 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

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1580713>



### 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 9.0 | EC001428 |
|----------|----------|

### 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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