

D L 2,8 64X 8 - Display

2203543

<https://www.phoenixcontact.com/us/products/2203543>



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Graphic LCD module, 2.8", 128 x 64 pixels, FSTN transfective/positive 6:00, LED backlight, interface: 8 bit, operating temperature: -20 °C ... 70 °C



Your advantages

- Graphic LCD module
- Easy and time-saving integration into HCS series electronics housings
- Long-term availability
- Ideal protective shield and gasket material
- Backlighting can be switched on and off
- Common interface for your electronics

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 2203543 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AC05 |
| Product key | ACGAAA |
| GTIN | 4055626481975 |
| Weight per piece (including packing) | 56.2 g |
| Weight per piece (excluding packing) | 26 g |
| Customs tariff number | 85249100 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|-----------------------|-----------------------|
| Product type | Display |
| Display | |
| Display type | Graphic LCD module |
| Display type | LCD with backlighting |
| Display type | transmissive |
| Panel technology | FSTN |
| Diagonals (cm) | 7.11 cm |
| Diagonals (inch) | 2.8 in. |
| Screen resolution | 128 x 64 Pixel(s) |
| Display lighting type | LED, white |
| Contrast ratio | 4 |
| Viewing direction | 6:00 |
| Controller | NT7538 |
| Representation | positive |

Interfaces

| | |
|-----------|----------------|
| Interface | 8-bit parallel |
|-----------|----------------|

Dimensions

| | |
|------------|--|
| Dimensions | 70 mm x 49 mm x 5 mm (Mounting panel dimensions) |
| | 63 mm x 35 mm (Viewing area) |
| | 60 mm x 30 mm (Active range) |

Environmental and real-life conditions

Vibration test

| | |
|------------------------|-----------------------|
| Specification | IEC 60068-2-6:2007-12 |
| Frequency | 10 - 55 - 10 Hz |
| Sweep speed | 1 octave/min |
| Test duration per axis | 15 min |
| Test directions | X-, Y- and Z-axis |

Ambient conditions

| | |
|---|------------------|
| Ambient temperature (operation) | -20 °C ... 70 °C |
| Ambient temperature (storage/transport) | -30 °C ... 80 °C |
| Relative humidity (storage/transport) | 93 % |

Mounting

| | |
|---------------|----------------|
| Mounting type | Screw mounting |
|---------------|----------------|

Packaging specifications

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| | |
|-------------------|---------------------|
| Type of packaging | packed in cardboard |
|-------------------|---------------------|

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-15.0 | 27261890 |
| ECLASS-13.0 | 27261890 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC011541 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 43211900 |
|-------------|----------|

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Environmental product compliance

EU RoHS

| | |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

China RoHS

| | |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

| | |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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