

# D L 2,8 64X 8 - Display

2203543

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



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 documentation. Our general terms of use for downloads are valid.

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

# D L 2,8 64X 8 - Display

2203543

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



## Technical data

### Notes

General	The background color may vary slightly depending on the ambient temperature. This procedure can be reversed.
Notes on safety	<b>NOTE: Electrostatic discharge!</b> The device contains components that can be damaged or destroyed by electrostatic discharge. When handling the device, observe the necessary safety precautions against electrostatic discharge (ESD) according to EN 61340-5-1 and IEC 61340-5-1.

### 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)

### Material specifications

Surface characteristics	untreated
-------------------------	-----------

### 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

# D L 2,8 64X 8 - Display

2203543

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



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

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

# D L 2,8 64X 8 - Display

2203543

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



## Classifications

### ECLASS

ECLASS-15.0	27261890
ECLASS-13.0	27261890

### ETIM

ETIM 9.0	EC011541
----------	----------

### UNSPSC

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

# D L 2,8 64X 8 - Display

2203543

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



## 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%

Phoenix Contact 2025 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)