

# 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	85299096
Country of origin	DE

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## 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
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#### 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
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### 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
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### 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

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Test directions	X-, Y- and Z-axis
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## 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
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## Packaging specifications

Type of packaging	packed in cardboard
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## Classifications

### ECLASS

ECLASS-13.0	27261890
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### ETIM

ETIM 9.0	EC011541
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### UNSPSC

UNSPSC 21.0	43211900
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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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