

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	85299020
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	NOTE: Electrostatic discharge! 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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Data management status

Article revision	01
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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
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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
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Packaging specifications

Type of packaging	packed in cardboard
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Classifications

ECLASS

ECLASS-11.0	27261890
ECLASS-12.0	27261890
ECLASS-13.0	27261890

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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