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 transflective/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

Technical data

Notes

General	The background color may vary slightly depending on the ambient temperature. This procedure can be reversed.
General	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

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.

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

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC011541

UNSPSC

UNSPSC 21.0	43211900

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%

Accessories

HCS-C MINI 1W C C C 7035 - Electronics housing

2203147

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Handheld housing, C-Mini, light gray, consisting of two half shells with screws, front 1.1 mm recessed with window and keypad slot

HCS-C MINI 1W 9V 1 C 7035 - Electronics housing

2203150

https://www.phoenixcontact.com/us/products/2203150



Handheld housing, C-Mini, light gray, consisting of two half shells, front plate above, screws. Front 1.1 mm recessed, with window and keypad slot, battery compartment cover and battery contacts for 9 V battery

HCS-C MINI 1W 3AAA 1 1 7035 - Electronics housing

2203152

https://www.phoenixcontact.com/us/products/2203152



Handheld housing, C-Mini, light gray, consisting of two half shells, two front plates, screws. Front 1.1 mm recessed, with window and keypad slot, battery compartment cover and battery contacts for 3 AA batteries

HCS-C MINI-P 1W C C C 7035 - Electronics housing

2203153

https://www.phoenixcontact.com/us/products/2203153



Handheld housing, C-Mini-Plus, light gray, consisting of two half shells with screws, front 1.1 mm recessed, with window and keypad slot

HCS-C MINI-P 1W C 1 1 7035 - Electronics housing

2203155

https://www.phoenixcontact.com/us/products/2203155



Handheld housing, C-Mini-Plus, light gray, consisting of two half shells, two front plates with screws, front 1.1 mm recessed, with window and keypad slot

HCS-C MEDIUM 1W C 1 C 7035 - Electronics housing

2203162

https://www.phoenixcontact.com/us/products/2203162



Handheld housing, C-Medium, light gray, consisting of two half shells, front plates above with screws, front 1.1 mm recessed, with window and keypad slot

HCS-C MEDIUM 1W 3AA 1 1 7035 - Electronics housing

2203163

https://www.phoenixcontact.com/us/products/2203163



Handheld housing, C-Medium, light gray, consisting of two half shells, two front plates, screws. Front 1.1 mm recessed, with window and keypad slot, battery compartment cover and battery contacts for 3 AA batteries

HCS-T MINI 1W C C C 7035 - Electronics housing

2203131

https://www.phoenixcontact.com/us/products/2203131



Handheld housing, T-Mini, light gray, consisting of two half shells with screws, front 1.1 mm recessed, with window and keypad slot

HCS-T MINI 1W 3AA C C 7035 - Electronics housing

2203134

https://www.phoenixcontact.com/us/products/2203134



Handheld housing, T-Mini, light gray, consisting of two half shells with screws. Front 1.1 mm recessed, with window and keypad slot, battery compartment cover and battery contacts for 3 AA batteries

HCS-C MAXI 1W C C C 7035 - Electronics housing

2203166

https://www.phoenixcontact.com/us/products/2203166



Handheld housing, C-Maxi, light gray, consisting of two half shells with screws, front 1.1 mm recessed with window and keypad slot

HCS-C MAXI 1W C 1 1 7035 - Electronics housing

2203167

https://www.phoenixcontact.com/us/products/2203167



Handheld housing, C-Maxi, light gray, consisting of two half shells, two front plates with screws, front 1.1 mm recessed, with window and keypad slot

HCS-C MAXI 1W 2X3AA 1 1 7035 - Electronics housing

2203168

https://www.phoenixcontact.com/us/products/2203168



Handheld housing, C-Maxi, light gray, consisting of two half shells, two front plates, screws. Front 1.1 mm recessed, with window and keypad slot, battery compartment cover and battery contacts for 6 AA batteries

HCS-C MAXI 1W 2X9V 1 1 7035 - Electronics housing

2203170

https://www.phoenixcontact.com/us/products/2203170



Handheld housing, C-Maxi, light gray, consisting of two half shells, two front plates, screws. Front 1.1 mm recessed, with window and keypad slot, battery compartment cover and battery contacts for 2x 9 V battery

HCS-T MEDIUM 1W C 1 1 7035 - Electronics housing

2203138

https://www.phoenixcontact.com/us/products/2203138



Handheld housing, T-Medium, light gray, consisting of two half shells, two front plates with screws, front 1.1 mm recessed, with window and keypad slot

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HCS-T MEDIUM 1W C C 1 7035 - Electronics housing

2203139

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Handheld housing, T-Medium, light gray, consisting of two half shells, front plates below with screws, front 1.1 mm recessed, with window and keypad slot

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