

DCT T 2,4 QVGA S RTOUCH - Display



1132710

<https://www.phoenixcontact.com/us/products/1132710>

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Resistive touch display, 2.4", resolution: 320 x 240 pixels, interface: SPI, contrast ratio: 500:1, aspect ratio: 3:4, interface: "4-wire SPI half duplex, Glue and Play solution", suitable for polyamide and polycarbonate



Your advantages

- Housing system for visualization and operation in the control cabinet
- Positioning of the display using the configurator

Commercial data

Item number	1132710
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	AC05
Product key	ACGBBA
GTIN	4063151466299
Weight per piece (including packing)	31.37 g
Weight per piece (excluding packing)	29.15 g
Customs tariff number	85480090
Country of origin	CN

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Technical data

Notes

Assembly note	Please observe the application note in the download area.
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Product properties

Product type	Display
Number of positions	14
Pitch	0.5 mm

Display

Display type	Color display TFT
Display type	resistive
Diagonals (cm)	6.9 cm
Diagonals (inch)	2.4 in.
Screen resolution	320 x 240 Pixel(s) (QVGA)
Display formats	3:4
Display lighting type	LED, white
Contrast ratio	500:1
Controller	ST7789V

Interfaces

Interface	4-wire SPI half duplex
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Dimensions

Pitch	0.5 mm
Dimensions	47 mm x 74 mm x 7 mm
	38 mm x 50 mm (Viewing area)

Material specifications

Surface characteristics	untreated
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Environmental and real-life conditions

Vibration test

Specification	IEC 60068-2-6:2007-12
Result	Test passed
Frequency	10 - 150 - 10 Hz
Sweep speed	1 octave/min
Amplitude	0.15 mm (10 Hz ... 58.1 Hz)
Acceleration	20 m/s ²
Test duration per axis	2.5 h
Test directions	X-, Y- and Z-axis

Shocks

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Specification	IEC 60068-2-27:2008-02
Result	Test passed
Acceleration	150 m/s ²
Shock duration	11 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)

Test for substances that would hinder coating with paint or varnish

Specification	VDMA 24364:2018-05
Result	Test passed

Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-30 °C ... 80 °C

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Classifications

ECLASS

ECLASS-15.0	27261890
ECLASS-13.0	27261890

ETIM

ETIM 10.0	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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