

# DCT T 2,4 QVGA S RTOUCH - Display



1132710

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

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.

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

# DCT T 2,4 QVGA S RTOUCH - Display



1132710

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

## Technical data

### Notes

Assembly note	Please observe the application note in the download area.
---------------	---

### 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
-----------	------------------------

### Dimensions

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

### 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 <sup>2</sup>
Test duration per axis	2.5 h
Test directions	X-, Y- and Z-axis

#### Shocks

Specification	IEC 60068-2-27:2008-02
Result	Test passed
Acceleration	150 m/s <sup>2</sup>

# DCT T 2,4 QVGA S RTOUCH - Display



1132710

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

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

# DCT T 2,4 QVGA S RTOUCH - Display



1132710

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

## Classifications

### ECLASS

ECLASS-15.0	27261890
ECLASS-13.0	27261890

### ETIM

ETIM 10.0	EC011541
-----------	----------

### UNSPSC

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

# DCT T 2,4 QVGA S RTOUCH - Display



1132710

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

## 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 2026 © - 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)