ICS25-C122X12-DKP-7035 - Upper housing part with display

1215685

https://www.phoenixcontact.com/us/products/1215685

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DIN rail housing, Upper part, integrated 0.96″ display, resolution: 80 x 160 Pixel(s), interface: 4-wire SPI half duplex, width: 25 mm, height: 122 mm

Your advantages

- Housing system for visualization and operation in the control cabinet
- Coordinated housings with pre-installed touch displays
- Time-saving assembly of ready-to-use modules with Plug and Play
- Positioning of the display using the configurator

Commercial data

Item number	1215685
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	ACHAEI
GTIN	4063151296735
Weight per piece (including packing)	19.76 g
Weight per piece (excluding packing)	12.2 g
Customs tariff number	84879090
Country of origin	CN

Technical data

Notes

General	Refer to the data sheet for the range in the download area.

Product properties

Product type	Upper housing part
Housing series	ICS
Product family	ICS25-..122X..
Type	Upper part, integrated 0.96″ display
Housing type	DIN rail housing
Ventilation openings present	no

Display

Display type	Color display TFT
Display type	LCD with backlighting
Panel technology	IPS
Screen resolution	80 x 160 Pixel(s)
Display lighting type	LED, white
Controller	ST7735S

Interfaces

Interface	4-wire SPI half duplex

Dimensions

Width	25 mm
Height	122 mm

Material specifications

Color (Housing)	light grey (RAL 7035)
Flammability rating according to UL 94	V0
Surface characteristics	untreated
Housing material	Polyamide

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/s²
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/s²
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

Max. IP code to attain	IP20
Ambient temperature (operation)	-20 °C ... 70 °C (depending on power dissipation)
Ambient temperature (storage/transport)	-20 °C ... 55 °C
Relative humidity (storage/transport)	80 %

Mounting

Mounting type	Snap in

Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

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Classifications

ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190605

ETIM

ETIM 9.0	EC001031

UNSPSC

UNSPSC 21.0	31261500