

## INDUSTRIAL COMPONENT DATA

# ICS25-C100X12-DKP-9005 1524410 PHOENIX CONTACT Rail box, Top, integrated 0.96" display, interface: 4-wire SP..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ICS25-C100X12-DKP-9005



|                 |                                  |
|-----------------|----------------------------------|
| Manufacturer    | PHOENIX CONTACT                  |
| MPN / Reference | ICS25-C100X12-DKP-9005           |
| Catalog number  | 1524410                          |
| Category        | Extruded profile modular housing |
| Minimum order   | 10 Pcs                           |
| Document ID     | EO-397D7D8ED1                    |
| Generated       | 2026-08-04                       |

## Product Overview

Rail box, Top, integrated 0.96" display, interface: 4-wire SPI half duplex, width: 25 mm, height: 100 mm, depth: 14.35 mm

Rail Box, Top

DIN rail housing, Upper part, integrated 0.96" display, interface: 4-wire SPI half duplex, width: 25 mm, height: 100 mm, depth: 14.35 mm, color: black (9005)

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

|              |                                |
|--------------|--------------------------------|
| Catalog path | PHOENIX CONTACT > Housing (HS) |
|--------------|--------------------------------|

## Additional Product Information

Technical dataNotesGeneral Refer to the data sheet for the range in the download area.

Product propertiesProduct type Upper housing part

Product family ICS25-..100X..

Type Upper part, integrated 0.96" display

Housing type DIN rail housing

Ventilation openings present no

Housing series ICS

Display

Display type Color display TFT

Display type LCD with backlighting

Diagonal 0.96 in. (Display)

Display lighting type LED, white

Controller ST7735S

Connection data Cross section AWG (converted acc. to IEC)

Interfaces Interface 4-wire SPI half duplex

Dimensions Dimensional drawing

Width 25 mm

Height 100 mm

Depth 14.35 mm

Depth from base support surface 11.9 mm

PCB design

PCB thickness 1.4 mm ... 1.8 mm

Material specifications Color black (9005)

Flammability rating according to UL 94 V0

CTI according to IEC 60112 600

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/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>

Shock duration 11 ms

Number of shocks per direction 3

Test directions X-, Y- and Z-axis (pos. and neg.)

Ambient conditions

Max. IP code to attain IP20

Ambient temperature (operation) -20 °C ... 70 °C (depending on power dissipation)

Ambient temperature (stor...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ICS25-C100X12-DKP-9005 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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