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-00E777F569
Generated	2026-11-19

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 dataCross section AWG (converted acc. to IEC)
InterfacesInterface 4-wire SPI half duplex
DimensionsDimensional 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 specificationsColor 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 conditionsVibration 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.)
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 or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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