INDUSTRIAL COMPONENT DATA

ICS20-F90S-9005 1287450 PHOENIX CONTACT DIN rail box, ICS plug, closed, width: 20 mm, height: 7.25 mm, depth..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ICS20-F90S-9005



Manufacturer	PHOENIX CONTACT
MPN / Reference	ICS20-F90S-9005
Catalog number	1287450
Category	Extruded profile modular housing
Minimum order	10 Pcs
Document ID	EO-F5607E5EC2
Generated	2026-11-19

Product Overview

DIN rail box, ICS plug, closed, width: 20 mm, height: 7.25 mm, depth: 89.8 mm, colour: black (similar RAL 9005)
Rail box, ICS cap, closed, width: 20 mm, height: 7.25 mm, depth: 89.8 mm, colour: black (9005)
DIN rail housing, ICS filler, closed, width: 20 mm, height: 7.25 mm, depth: 89.8 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 Connection plate
Product family ICS20
Type ICS filler, closed
Housing type DIN rail housing
Ventilation openings present no
Housing series ICS
Connection dataCross section AWG (converted acc. to IEC)
DimensionsDimensional drawing
Width 20 mm
Height 7.25 mm
Depth 89.8 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
Frequency 10 - 150 - 10 Hz
Sweep speed 1 octave/min
Amplitude 0.15 mm (10 Hz ... 58.1 Hz)
Acceleration 2g (58.1 Hz ... 150 Hz)
Test duration per axis 2.5 h
Test directions X-, Y- and Z-axis
Glow-wire test
Specification IEC 60695-2-11:2014-02
Temperature 850 °C
Time of exposure 30 s
Thermal stability / ball thrust test
Specification IEC 60695-10-2:2014-02
Temperature 125 °C
Test duration 1 h
Force 20 N
Mechanical strength / tumbling barrel
Specification IEC 60068-2-31:2008-05
Height of fall 50 cm
Frequency 50
Shocks
Specification IEC 60068-2-27:2008-02
Pulse shape Half-sine
Acceleration 15g
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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ICS20-F90S-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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