INDUSTRIAL COMPONENT DATA

# ICS20-F90V-1018 1287435 PHOENIX CONTACT Rail box, ICS plug, with ventilation slits, width: 20 mm, height: 7...

**Brand: PHOENIX CONTACT | Manufacturer Part Number: ICS20-F90V-1018**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | ICS20-F90V-1018 |
| Catalog number | 1287435 |
| Category | Extruded profile modular housing |
| Minimum order | 10 Pcs |
| Document ID | EO-827FF63D1D |
| Generated | 2026-11-19 |

## Product Overview

Rail box, ICS plug, with ventilation slits, width: 20 mm, height: 7.25 mm, depth: 89.8 mm, colour: yellow (Similar RAL 1018)
DIN rail housing, ICS filler, with vents, width: 20 mm, height: 7.25 mm, depth: 89.8 mm, color: yellow (1018)

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, with vents
Housing type DIN rail housing
Ventilation openings present yes
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 yellow (1018)
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 24364:20...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ICS20-F90V-1018 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.