INDUSTRIAL COMPONENT DATA

ICS20-B100X98-O-1018 1355953 PHOENIX CONTACT Rail housing, Housing underside with metal pin, width: 20 mm, h..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ICS20-B100X98-O-1018



Manufacturer	PHOENIX CONTACT
MPN / Reference	ICS20-B100X98-O-1018
Catalog number	1355953
Category	Extruded profile modular housing
Minimum order	10 Pcs
Document ID	EO-9215729200
Generated	2026-11-19

Product Overview

Rail housing, Housing underside with metal pin, width: 20 mm, height: 100 mm, depth: 108.35 mm, colour: yellow (Similar RAL 1018), cross bridge: Rail bus connector (optional), number of cross connector poles: 8
Rail box, Bottom of housing with metal pin, width: 20 mm, height: 100 mm, depth: 108.35 mm, color: yellow (1018), cross-bridge: Bus connector for rail (optional), number of poles cross connector: 8
DIN rail housing, Lower housing part with metal foot catch, width: 20 mm, height: 100 mm, depth: 108.35 mm, color: yellow (1018), cross connection: DIN rail connector (optional), number of positions cross connector: 8

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.
General Material of contact pads for bus connector, galvanic gold (hard gold)
Product propertiesProduct type Enclosure bottom part
Product family ICS20-..100X..
Max. number of positions 24 (pitch: 5 mm)
32 (pitch: 3.5 mm)
Number of rows 4
Type Lower housing part with metal foot catch
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 100 mm
Depth 108.35 mm
Depth from top edge of DIN rail to support point on upper part 98.15 mm
Dimensions 20 mm x 100 mm x 110 mm (Lower housing part from the top edge of the DIN rail with upper housing part)
20 mm x 100 mm x 116.7 mm (Lower housing part with upper housing part)
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 conditionsPower dissipation single housing for 20 °C
Ambient temperature 20 °C
Reduction factor 1
Mounting position vertical
Power dissipation 16 W
Power dissipation single housing for 30 °C
Ambient temperature 30 °C
Reduction factor 0.84
Mounting position vertical
Power dissipation 13.5 W
Power dissipation single housing for 40 °C
Ambient temperature 40 °C
Reduction factor 0.69
Mounting position vertical
Pow...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ICS20-B100X98-O-1018 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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