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DIN rail housing, Upper part, closed, width: 50 mm, height: 100 mm, depth: 12 mm, color: black (9005)



Your advantages

- ${\ensuremath{\,^{\odot}}}$ Flexible use, thanks to the modular system and unique modularity in the connection technology
- Standardized connections such as RJ45, USB, D-SUB and antenna sockets as components that can be integrated
- Optimal space utilization, as well as adaptability of design, colors, and printing
- 🗹 Eight-position DIN rail connectors with parallel and up to two serial contacts for easy module-to-module communication



Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 рс
GTIN	4 055626 785646
GTIN	4055626785646

Technical data

Item properties

Brief article description	Upper part of housing
Туре	ICS50-C100X12-9005
Order No.	1076892
Housing type	DIN rail housing
Туре	Upper part, closed
Max. IP code to attain	IP20
Mounting type	Snap in

Dimensions

Width [w]	50 mm
Height [h]	100 mm
Depth [d]	12 mm



Technical data

Material data

Color (RAL) black (9005) Flarmability rating according to UL 94 V0 Ambient tomperature (storage/transport) 40 °C 55 °C Ambient temperature (storage/transport) 40 °C 100 °C Ambient temperature (storage/transport) 80 % Mechanical strength/tumbling barrel Specification Specification IEC 60068-2-31:2008-05 Height of fall 50 cm Number of drop cycles 50 Thermostability (Ball Thrust Test) Specification Specification IEC 60069-10-2:014-02 Temperature 125 °C Test duration 1 h Force 20 Test for assessing the risk of fire (glow wire) Specification Specification IEC 60069-2-11:2014-02 Temperature 125 °C Test duration 1 h Force 20 Test for assessing the risk of fire (glow wire) Specification IEC 60069-2-11:2014-02 Temperature 80 °C Time of exposure 30 s Test for assessing the risk of fire (glow wire) Specification WP V3 1:0.7.2005-02 General information Time of exposure Type of note Assembly instruction: Note Refer to the data	Housing material	Polyamide		
Ambient conditions Ambient conditions Ambient temperature (storage/transport) 40 °C 55 °C Ambient temperature (operation) 40 °C 105 °C (depending on power dissipation) Relative humdity (storage/transport) 80 % Mechanical strength/tumbling barrel 50 Specification IEC 60068-2:31:2008-05 Height of fall 50 cm Number of drop cycles 50 Thermostability (Ball Thrust Test) Specification Specification IEC 60095-10-2:2014-02 Temperature 125 °C Test duration 1 h Force 20 Test for assessing the risk of fire (glow wire) Specification Specification IEC 60695-2-11:2014-02 Temperature 850 °C Time of exposure 30 s Test for assessing the risk of fire (glow wire) Specification Specification IEC 60695-2-11:2014-02 Temperature 850 °C Time of exposure 30 s Test for substances that would hinder coating with paint or variants Specification VW V 3 10.7:2005-02 General information	Color (RAL)	black (9005)		
Ambient temperature (storage/transport) 40 °C 55 °C Ambient temperature (assembly) -5 °C 100 °C Ambient temperature (operation) 40 °C 105 °C (depending on power dissipation) Relative humidity (storage/transport) 80 % Mechanical strength/tumbling barrel Specification IEC 60068-2:31:2008-05 Height of fall 50 cm Number of drop cycles 50 Thermostability (Ball Thrust Test) Specification IEC 60068-10-2:2014-02 Temperature 125 °C Test duration 1 h Force 20 Test duration 1 EC 60069-2:11:2014-02 Temperature 850 °C Time of exposure 30 s Specification IEC 60069-2:11:2014-02 Temperature 850 °C Time of exposure 30 s Test for assessing the risk of fire (glow wire) Specification Specification WW PV 3.10.7:2005-02 General information YW PV 3.10.7:2005-02 Specification WW PV 3.10.7:2005-02 General information Press of the data sheet for the range in the download area.	Flammability rating according to UL 94	V0		
Ambient temperature (assembly) -5 °C 100 °C Ambient temperature (operation) -40 °C 105 °C (depending on power dissipation) Relative humidity (storage/transport) 80 % Mechanical strength/tumbling barrel Specification Specification IEC 60068-2:31:2008-05 Height of fall 50 cm Number of drop cycles 50 Thermostability (Ball Thrust Test) Specification Specification IEC 600695-10-2:2014-02 Temperature 125 °C Test duration 1 h Force 20 Test for assessing the risk of fire (glow wire) Specification Specification IEC 600695-2-11:2014-02 Temperature 850 °C Time of exposure 30 s Test for assessing the risk of fire (glow with paint or varnish VW PV 3:10.7:2005-02 General information VW PV 3:10.7:2005-02 General information Refer to the data sheet for the range in the download area. Packaging information Packaging package Type of packaging packed in cardboard Pieces per package 10 Denomination packing units Pcs.	Ambient conditions			
Ambient temperature (operation) 40 °C 105 °C (depending on power dissipation) Relative humidity (storage/transport) 80 % Mechanical strength/tumbling barrel Specification Specification IEC 60068-2-31:2008-05 Height of fall 50 cm Number of drop cycles 50 Thermostability (Ball Thrust Test) Specification Specification IEC 60059-10-2:2014-02 Temperature 125 °C Test duration 1 h Force 20 Test for assessing the risk of fire (glow wire) Specification IEC 60095-2-11:2014-02 Temperature 850 °C Time of exposure 30 s Test for substances that would hinder coating with paint or varnish Specification VW PV 3.10.7:2005-02 General information Type of note Note Refer to the data sheet for the range in the download area. Packaging information ID Type of packaging packed in cardboard Pieces per packaging packed in cardboard Pieces per packaging type Carton Standards and regulations Fiarmability rating acc	Ambient temperature (storage/transport)	-40 °C 55 °C		
Relative humidity (storage/transport) 80 % Mechanical strength/tumbling barrel Specification IEC 60068-2-31:2008-05 Height of fall 50 cm Number of drop cycles 50 Thermostability (Ball Thrust Test) EEC 600695-10-2:2014-02 Specification IEC 600595-10-2:2014-02 Temperature 125 °C Test duration 1 h Force 20 Test for assessing the risk of fire (glow wire) Specification Specification IEC 60095-2-11:2014-02 Temperature 850 °C Time of exposure 30 s Test for substances that would hinder coating with paint or varnish Specification Specification W PV 3.10.7:2005-02 General information Type of note Note Refer to the data sheet for the range in the download area. Packaging information IO Type of packaging packed in cardboard Pieces per package 10 Denomination packing units Pcs. Outer packaging type Carton Standards and regulations Fiarmability rating according to UL 94	Ambient temperature (assembly)	-5 °C 100 °C		
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Specification IEC 60068-2-31:2008-05 Height of fall 50 cm Number of drop cycles 50 Thermostability (Ball Thrust Test) Specification Specification IEC 60695-10-2:2014-02 Temperature 125 °C Test duration 1 h Force 20 Test for assessing the risk of fire (glow wire) Specification Specification IEC 60695-2-11:2014-02 Temperature 850 °C Time of exposure 30 s Test for substances that would hinder coating with paint or varnish Specification Specification VW PV 3.10.7:2005-02 General information Refer to the data sheet for the range in the download area. Packaging information Type of note Type of note Assembly instruction: Note Refer to the data sheet for the range in the download area. Packaging information Type of packaging Type of packaging packed in cardboard Pleces per package 10 Denomination packing units Pcs. Outer packaging type	Relative humidity (storage/transport)	80 %		
Height of fall 50 cm Number of drop cycles 50 Thermostability (Ball Thrust Test) 50 Specification IEC 60695-10-2:2014-02 Temperature 125 °C Test duration 1 h Force 20 Test duration 1 h Force 20 Test for assessing the risk of fire (glow wire) 50 Specification IEC 60695-2-11:2014-02 Temperature 850 °C Time of exposure 30 s Test for substances that would hinder coating with paint or varnish Specification Specification VW PV 3.10.7:2005-02 General information Type of note Assembly instruction: Note Note Refer to the data sheet for the range in the download area. Packaging information Type of packaging Type of packaging packed in cardboard Pleces per package 10 Denomination packing units Pcs. Outer packaging type Carton Standards and regulations Elemmability rating according to UL 94 Flammability rating according to UL 94	Mechanical strength/tumbling barrel			
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Specification IEC 60695-10-2:2014-02 Temperature 125 °C Test duration 1 h Force 20 Test for assessing the risk of fire (glow wire) Specification Specification IEC 60695-2-11:2014-02 Temperature 850 °C Time of exposure 30 s Test for substances that would hinder coating with paint or varnish Specification Specification VW PV 3.10.7:2005-02 General information Type of note Assembly instruction: Note Note Refer to the data sheet for the range in the download area. Packaging information Type of packaging Type of packaging packed in cardboard Pieces per package 10 Denomination packing units Pcs. Outer packaging type Carton Standards and regulations Flammability rating according to UL 94 Flammability rating according to UL 94 V0	Number of drop cycles	50		
Temperature 125 °C Test duration 1 h Force 20 Test for assessing the risk of fire (glow wire) Specification Specification IEC 60695-2-11:2014-02 Temperature 850 °C Time of exposure 30 s Test for substances that would hinder coating with paint or varnish VW PV 3.10.7:2005-02 Specification VW PV 3.10.7:2005-02 General information Type of note Assembly instruction: Note Packaging information Refer to the data sheet for the range in the download area. Packaging information Type of packaging Type of packaging packed in cardboard Pieces per package 10 Denomination packing units Pcs. Outer packaging type Carton Standards and regulations Flammability rating according to UL 94 Flammability rating according to UL 94 V0	Thermostability (Ball Thrust Test)	Thermostability (Ball Thrust Test)		
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Test for assessing the risk of fire (glow wire) Specification IEC 60695-2-11:2014-02 Temperature 850 °C Time of exposure 30 s Test for substances that would hinder coating with paint or varnish Specification Specification VW PV 3.10.7:2005-02 General information Type of note Assembly instruction: Note Note Refer to the data sheet for the range in the download area. Packaging information Type of packaging Type of packaging packed in cardboard Pieces per package 10 Denomination packing units Pcs. Outer packaging type Carton Standards and regulations Flammability rating according to UL 94 Flammability rating according to UL 94 V0	Test duration	1 h		
Specification IEC 60695-2-11:2014-02 Temperature 850 °C Time of exposure 30 s Test for substances that would hinder coating with paint or varnish Specification Specification VW PV 3.10.7:2005-02 General information Second State Sta	Force	20		
Temperature 850 °C Time of exposure 30 s Test for substances that would hinder coating with paint or varnish Specification Specification VW PV 3.10.7:2005-02 General information General information Type of note Assembly instruction: Note Refer to the data sheet for the range in the download area. Packaging information Type of packaging Type of packaging packed in cardboard Pieces per package 10 Denomination packing units Pcs. Outer packaging type Carton Standards and regulations V0 Environmental Product Compliance V0	Test for assessing the risk of fire (glow wire)			
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General information Type of note Assembly instruction: Note Refer to the data sheet for the range in the download area. Packaging information Type of packaging Type of packaging packed in cardboard Pieces per package 10 Denomination packing units Pcs. Outer packaging type Carton Standards and regulations V0 Environmental Product Compliance V0	Test for substances that would hinder coating with paint or			
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Type of packaging packed in cardboard Pieces per package 10 Denomination packing units Pcs. Outer packaging type Carton Standards and regulations Flammability rating according to UL 94 Flammability rating according to UL 94 V0	Note	Refer to the data sheet for the range in the download area.		
Pieces per package 10 Denomination packing units Pcs. Outer packaging type Carton Standards and regulations Flammability rating according to UL 94 Flammability rating according to UL 94 V0	Packaging information			
Denomination packing units Pcs. Outer packaging type Carton Standards and regulations Flammability rating according to UL 94 Flammability rating according to UL 94 V0 Environmental Product Compliance Image: Compliance	Type of packaging	packed in cardboard		
Outer packaging type Carton Standards and regulations Flammability rating according to UL 94 Flammability rating according to UL 94 V0	Pieces per package	10		
Standards and regulations Flammability rating according to UL 94 V0 Environmental Product Compliance	Denomination packing units	Pcs.		
Flammability rating according to UL 94 V0 Environmental Product Compliance Image: Compliance	Outer packaging type	Carton		
Environmental Product Compliance	Standards and regulations			
	Flammability rating according to UL 94	V0		
China RoHS Environmentally friendly use period: unlimited = EFUP-e	Environmental Product Compliance			
	China RoHS	Environmentally friendly use period: unlimited = EFUP-e		



Technical data

Environmental Product Compliance

No hazardous substances above threshold values

Classifications

eCl@ss

eCl@ss 10.0.1	27182702
eCl@ss 5.1	27180505
eCl@ss 6.0	27180800
eCl@ss 7.0	27182702
eCl@ss 8.0	27182702
eCl@ss 9.0	27182702

ETIM

ETIM 5.0	EC001031
ETIM 6.0	EC001031

Accessories

Accessories

Component housing lower part

Mounting base housing - ICS50-B100X98-V-V-9005 - 1076893



DIN rail housing, Lower housing part with metal foot catch, Level 1: with vents, width: 50.1 mm, height: 100 mm, depth: 108.35 mm, cross connection: DIN rail connector (optional), number of positions cross connector: 8, color: black (9005)

Mounting base housing - ICS50-B100X98-O-O-9005 - 1118654



DIN rail housing, Lower housing part with metal foot catch, width: 50.1 mm, height: 100 mm, depth: 108.35 mm, cross connection: DIN rail connector (optional), number of positions cross connector: 8, color: black (9005)

Connection plate



Accessories

Connection plate - ICS25-F22S-7035 - 2203890



DIN rail housing, ICS filler, closed, width: 25 mm, height: 7 mm, depth: 22.5 mm, color: light gray (7035)

Connection plate - ICS25-F45S-7035 - 2203891



DIN rail housing, ICS filler, closed, width: 25 mm, height: 7 mm, depth: 45 mm, color: light gray (7035)

Connection plate - ICS25-F22V-7035 - 1079495



DIN rail housing, ICS filler, with vents, width: 25 mm, height: 7 mm, depth: 22.5 mm, color: light gray (7035)

Connection plate - ICS25-F45V-7035 - 1079492



DIN rail housing, ICS filler, with vents, width: 25 mm, height: 7 mm, depth: 45 mm, color: light gray (7035)

Connection plate - ICS25-F22J-7035 - 2203895



DIN rail housing, ICS filler, with RJ45 function cutout, width: 25 mm, height: 7 mm, depth: 22.5 mm, color: light gray (7035)



Accessories

Connection plate - ICS25-F22U-7035 - 1053046



DIN rail housing, ICS filler, with USB function cutout, width: 25 mm, height: 7 mm, depth: 22.5 mm, color: light gray (7035)

Connection plate - ICS25-F22A-7035 - 2203894



DIN rail housing, ICS filler, with antenna function cutout, width: 25 mm, height: 7 mm, depth: 22.5 mm, color: light gray (7035)

Connection plate - ICS25-F45D15-7035 - 2203896



DIN rail housing, ICS filler, with D-SUB 15 function cutout, width: 25 mm, height: 7 mm, depth: 45 mm, color: light gray (7035)

DIN rail connector

DIN rail bus connectors - TBUS8-25,0-PPPPPPP-7035 - 2202891



DIN rail connector, nominal current: 6 A, rated voltage (III/2): 32 V, number of positions: 8, pitch: 2.54 mm, color: light gray, mounting: DIN rail, Item with gold-plated contacts, bus connectors for connecting with electronics housings, 8 parallel contacts

DIN rail bus connectors - TBUS8-25,0-PPPPPPS-7035 - 2202890



DIN rail connector, nominal current: 6 A, rated voltage (III/2): 32 V, number of positions: 8, pitch: 2.54 mm, color: light gray, mounting: DIN rail, Item with gold-plated contacts, bus connectors for connecting with electronics housings, 7 parallel contacts/1 serial contact



Accessories

DIN rail bus connectors - TBUS8-25,0-PPPPPPSS-7035 - 2202895



DIN rail connector, nominal current: 6 A, rated voltage (III/2): 32 V, number of positions: 8, pitch: 2.54 mm, color: light gray, mounting: DIN rail, Item with gold-plated contacts, bus connectors for connecting with electronics housings, 6 parallel contacts/2 serial contacts

PCB headers

Feed-through header - ICC25-H/4L5,0-7035 - 2203902



PCB headers, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5 mm, color: light gray, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, Product with pin output on left side

Feed-through header - ICC25-H/4R5,0-7035 - 2203903



PCB headers, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5 mm, color: light gray, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, Product with pin output on right side

PCB plug

Printed-circuit board connector - PSPT 2,5/ 4-ST KMGY - 2202344



PCB connector, nominal current: 16 A, rated voltage (III/2): 300 V, nominal cross section: 2.5 mm², number of positions: 4, pitch: 5 mm, connection method: Push-in spring connection, color: light gray, contact surface: Tin, Color of the spring lever: orange

Printed-circuit board connector - MSTBT 2,5 HC/ 4-STP GY7035 - 2200332



PCB connector, nominal current: 16 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 4, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: light gray, contact surface: Tin



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