

2202683

https://www.phoenixcontact.com/us/products/2202683

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



DIN rail housing, Lower housing part with metal foot catch, with FE contact, tall design, without vents, width: 22.6 mm, height: 99 mm, depth: 107.3 mm, color: light gray (similar RAL 7035), cross connection: integrated bus connector, number of positions cross connector: 10+2, Bus connector: 10 parallel contacts, 2 serial contacts

Your advantages

- · Tool-free mounting
- Available in overall widths from 12.5 mm ... 90 mm, modular extension is possible
- · Flammability rating V0 in accordance with UL 94
- · Variety of connection technology
- · Can be mounted on the DIN rail
- With integrated or DIN-rail-mountable bus connector as an option

Commercial data

Item number	2202683
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Product key	ACHAAB
GTIN	4055626169866
Weight per piece (including packing)	58.67 g
Weight per piece (excluding packing)	55.3 g
Country of origin	DE



2202683

https://www.phoenixcontact.com/us/products/2202683

Technical data

Notes

Assembly note	Please observe the application note in the download area.
Recommendation	Material of contact pads for bus connector, galvanic gold (hard gold)

Product properties

Housing type	DIN rail housing
Housing series	ME
Product family	ME 22,5
Max. number of positions	0)
Ventilation openings present	no

Dimensions

Dimensional drawing	d
Width	22.6 mm
Height	99 mm
Depth	107.3 mm
Depth from top edge of DIN rail	100.7 mm
Depth from top edge of DIN rail to support point on upper part	68.5 mm
PCB design	
PCB thickness	1.4 mm 1.8 mm

Material specifications

Color (Housing)	light gray (RAL 7035)
Flammability rating according to UL 94	V0
CTI according to IEC 60112	600
Housing material	PA
Surface characteristics	untreated

Environmental and real-life conditions

Power dissipation single housing for 20 °C

Ambient temperature	20 °C
Reduction factor	1
Mounting position	vertical



2202683

https://www.phoenixcontact.com/us/products/2202683

Power dissipation	5.7 W
Power dissipation single housing for 30 °C	
Ambient temperature	30 °C
Reduction factor	0.91
Mounting position	vertical
Power dissipation	5.2 W
Power dissipation single housing for 40 °C	10.00
Ambient temperature	40 °C
Reduction factor	0.81
Mounting position	vertical
Power dissipation	4.6 W
Power dissipation single housing for 50 °C	
Ambient temperature	50 °C
Reduction factor	0.7
Mounting position	vertical
Power dissipation	4 W
Dower dissination single housing for 60 °C	
Power dissipation single housing for 60 °C Ambient temperature	60 °C
Reduction factor	0.57
Mounting position	vertical
Power dissipation	3.25 W
1 ower dissipation	0.20 11
Power dissipation single housing for 70 °C	
Ambient temperature	70 °C
Reduction factor	0.49
Mounting position	vertical
Power dissipation	2.8 W
Vibration 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
Oh had	
Glow-wire test	UEO 00005 0 44-2044 00
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



2202683

https://www.phoenixcontact.com/us/products/2202683

Temperature	125 °C
Test duration	1 h
Force	20 N
Mechanical strength / tumbling barrel	
Specification	IEC 60998-1:2002-12
Height of fall	50 cm
Frequency	10
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.)
Degree of protection (IP code)	
Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
Ambient conditions	
Max. IP code to attain	IP20
Ambient temperature (operation)	-40 °C 105 °C (depending on power dissipation)
Ambient temperature (storage/transport)	-40 °C 55 °C
Ambient temperature (assembly)	-5 °C 100 °C
Relative humidity (storage/transport)	80 %
CB data	
Number of PCB holders	1
Type of PCB mount	Insertion (optional latching by PCB stop)
Thickness of the PCB	1.4 mm 1.8 mm
punting	
Mounting type	DIN rail mounting
ackaging specifications	
Type of packaging	packed in cardboard
Outer packaging type	Carton
Catc. paolaging typo	outon

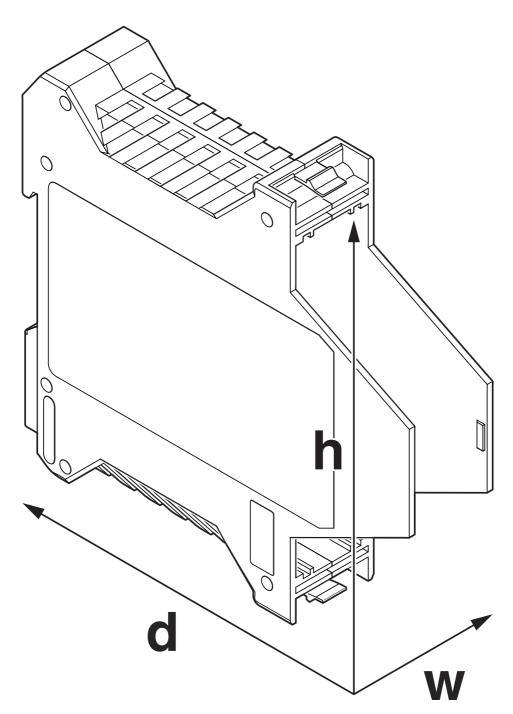


2202683

https://www.phoenixcontact.com/us/products/2202683

Drawings

Dimensional drawing



Schematic figure for illustrating the item dimensions. The figure is not of the desired product. For further details, refer to the product drawings in the "Downloads" tab.



2202683

https://www.phoenixcontact.com/us/products/2202683

Classifications

ECLASS		
	ECLASS-13.0	27190601
ETIM		
	ETIM 9.0	EC002779
UNSPSC		
	UNSPSC 21.0	31261500



2202683

https://www.phoenixcontact.com/us/products/2202683

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

Phoenix Contact 2025 @ - all rights reserved https://www.phoenixcontact.com

Phoenix Contact USA 586 Fulling Mill Road Middletown, PA 17057, United States (+717) 944-1300 info@phoenixcon.com