

1034687

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DIN rail housing, Upper housing part, flat design, connection opening on both sides, connection opening on both sides, width: 22.6 mm, height: 75.26 mm, depth: 36.95 mm, color: light grey (similar RAL 7035)

Your advantages

- · DIN rail or wall mounting for application-specific device attachment
- · Easy design-in, thanks to variable housing form factor
- · Complete flexibility, thanks to PCBs with horizontal, frontal, and orthogonal orientation to the front of the device
- · Three cover versions for individual PCB connections
- Integration of a wide variety of PCB connection technologies for a functional device design

Commercial data

Item number	1034687
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC12
Product key	ACHCHC
GTIN	4055626541501
Weight per piece (including packing)	13.07 g
Weight per piece (excluding packing)	13.07 g
Customs tariff number	84879090
Country of origin	IN



Refer to the data sheet for the range in the download area.

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Technical data

General

Notes

Product properties		
	Product type	Upper housing part
	Product family	EH 22,5 FABS-PC
	Housing series	EH
	Туре	Upper housing part, flat design, connection opening on both sides
	Housing type	DIN rail housing

no

Dimensions

Ventilation openings present

Differsions	
Dimensional drawing	d
Width	22.6 mm
Height	75.26 mm
Depth	36.95 mm
Depth from base support surface	19.95 mm
PCB design	
PCB thickness	1.4 mm 1.8 mm
Material specifications	
Color (Housing)	light grey (RAL 7035)
Flammability rating according to UL 94	V0

Environmental and real-life conditions

Vibration to	est
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Housing material
Surface characteristics

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)

ABS-PC

untreated



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Specification IEC Temperature 850 Time of exposure 30 s mermal stability / ball thrust test Specification IEC Temperature 80 s frest duration 1h Force 201 Specification IEC Specification IE	Test duration per axis	2.5 h
Specification IEC Temperature 850 Time of exposure 30 s thermal stability / ball thrust test Specification IEC Temperature 80 s Specification 1 th Force 20 th techanical strength / tumbling barrel Specification IEC Height of fall 50 s Specification IEC Pulse shape Hall Acceleration 15g Shock duration 11tr Number of shocks per direction 3 Test directions X., Degree of protection (IP code) Specification IEC Ambient temperature (operation) 40 Ambient temperature (storage/transport) 95 s B data Type of PCB mount Late	Test directions	X-, Y- and Z-axis
Temperature 30 s Time of exposure 30 s Thermal stability / ball thrust test Specification IEC Temperature 80 d Test duration 1 h Force 20 1 Mechanical strength / tumbling barrel Specification IEC Height of fall 50 d Frequency 10 Shocks Specification IEC Pulse shape Hall Acceleration 15g Shock duration 11n Number of shocks per direction 3 Test directions X-, Degree of protection (IP code) Specification IEC mibient conditions Max. IP code to attain IP2 Ambient temperature (storage/transport) 40 Ambient temperature (assembly) 5 d Relative humidity (storage/transport) 95 d B data Type of PCB mount Late	Glow-wire test	
Time of exposure thermal stability / ball thrust test Specification Temperature Test duration Acceleration Pulse shape Acceleration Number of shocks per direction Test directions Max. IP code to attain Ambient temperature (assembly) Relative humidity (storage/transport) Ada Type of PCB mount IEC 10 10 11 12 13 16 16 17 18 18 18 18 18 18 18 18 18	Specification	IEC 60695-2-11:2014-02
Specification IEC Temperature 80° Test duration 1h Force 201 Mechanical strength / tumbling barrel Specification IEC Height of fall 50° Specification IEC Pulse shape Halt Acceleration 15g Shock duration 11n Number of shocks per direction 3 Test directions X-, Degree of protection (IP code) Specification IEC Specification 15g Shock duration 11n Max. IP code to attain IP2 Ambient temperature (operation) 40 Ambient temperature (assembly) 5° Relative humidity (storage/transport) 95° B data Type of PCB mount Late	Temperature	850 °C
Specification IEC Temperature 80° Test duration 1 h Force 20 l Mechanical strength / tumbling barrel Specification IEC Height of fall 50° Shocks Specification IEC Pulse shape Hall Acceleration 15g Shock duration 11n Number of shocks per direction 3 Test directions X-, Degree of protection (IP code) Specification IEC Specification 1 pulse shape IEC Acceleration 15g Shock duration 11n Number of shocks per direction 1 pulse shocks per direction 1 pul	Time of exposure	30 s
Specification IEC Temperature 80° Test duration 1 h Force 20 l Mechanical strength / tumbling barrel Specification IEC Height of fall 50° Shocks Specification IEC Pulse shape Hall Acceleration 15g Shock duration 11n Number of shocks per direction 3 Test directions X-, Degree of protection (IP code) Specification IEC Specification 1 pulse shape IEC Acceleration 15g Shock duration 11n Number of shocks per direction 1 pulse shocks per direction 1 pul	Chermal stability / ball thrust test	
Temperature Test duration Test duration Test duration Test duration Tere Rechanical strength / tumbling barrel Specification Height of fall Frequency Tenders Specification Test direction Test direction Test directions Test directions Test directions Test direction Test directions Test	•	IEC 60695-10-2:2014-02
Test duration 1 h Force 20 l Mechanical strength / tumbling barrel Specification IEC Height of fall 50 d Frequency 10 Shocks Specification IEC Pulse shape Halt Acceleration 15g Shock duration 11f Number of shocks per direction 3 Test directions X-, Degree of protection (IP code) Specification IEC Ambient conditions Max. IP code to attain IP2 Ambient temperature (operation) -40 Ambient temperature (assembly) -5° Relative humidity (storage/transport) 95 d B data Type of PCB mount Late		80 °C
Rechanical strength / tumbling barrel Specification Height of fall Frequency 10 Shocks Specification Pulse shape Acceleration Shock duration Number of shocks per direction Test directions X-, Regree of protection (IP code) Specification IEC Max. IP code to attain Ambient temperature (operation) Ambient temperature (storage/transport) Ambient temperature (assembly) Relative humidity (storage/transport) B data Type of PCB mount IEC Late		1 h
Specification IEC Height of fall 500 Frequency 10 Shocks Specification IEC Pulse shape Halt Acceleration 15g Shock duration 11n Number of shocks per direction 3 Test directions X-, Degree of protection (IP code) Specification IEC Ambient conditions Max. IP code to attain IP20 Ambient temperature (operation) -40 Ambient temperature (storage/transport) -40 Ambient temperature (assembly) -5° Relative humidity (storage/transport) 95° B data Type of PCB mount Late	Force	20 N
Specification IEC Height of fall 500 Frequency 10 Shocks Specification IEC Pulse shape Halt Acceleration 15g Shock duration 11n Number of shocks per direction 3 Test directions X-, Degree of protection (IP code) Specification IEC Ambient conditions Max. IP code to attain IP20 Ambient temperature (operation) -40 Ambient temperature (storage/transport) -40 Ambient temperature (assembly) -5° Relative humidity (storage/transport) 95° B data Type of PCB mount Late	Markarian later with the orbital based	
Height of fall 50 c Frequency 10 Shocks Specification IEC Pulse shape Halt Acceleration 15g Shock duration 111r Number of shocks per direction 3 Test directions X-, Degree of protection (IP code) Specification IEC Ambient conditions Max. IP code to attain IP20 Ambient temperature (operation) -40 Ambient temperature (storage/transport) -40 Ambient temperature (assembly) -5° Relative humidity (storage/transport) 95° B data Type of PCB mount Late		IFC 60000 4,2002 42
Frequency Shocks Specification Pulse shape Acceleration Shock duration Number of shocks per direction Test directions X-, Degree of protection (IP code) Specification IEC Ambient conditions Max. IP code to attain Ambient temperature (operation) Ambient temperature (storage/transport) Ambient temperature (assembly) Relative humidity (storage/transport) B data Type of PCB mount IEC Type of PCB mount Late		IEC 60998-1:2002-12
Specification IEC Pulse shape Halt Acceleration 15g Shock duration 11r Number of shocks per direction 3 Test directions X-, Degree of protection (IP code) Specification IEC Ambient conditions Max. IP code to attain IP2 Ambient temperature (operation) -40 Ambient temperature (storage/transport) -40 Ambient temperature (assembly) -5° Relative humidity (storage/transport) 95° B data Type of PCB mount Late		50 cm
Specification Pulse shape Acceleration Shock duration Number of shocks per direction Test directions X-, Degree of protection (IP code) Specification IEC Ambient conditions Max. IP code to attain Ambient temperature (operation) Ambient temperature (storage/transport) Ambient temperature (assembly) Relative humidity (storage/transport) B data Type of PCB mount IEC Late	i requency	10
Pulse shape Acceleration 15g Shock duration 11 r Number of shocks per direction 3 Test directions X-, Degree of protection (IP code) Specification IEC Simblent conditions Max. IP code to attain Ambient temperature (operation) Ambient temperature (storage/transport) Ambient temperature (assembly) Relative humidity (storage/transport) B data Type of PCB mount Late	Shocks	
Acceleration 15g Shock duration 111 r Number of shocks per direction 3 Test directions X-, Degree of protection (IP code) Specification IEC Sumbient conditions Max. IP code to attain IP20 Ambient temperature (operation) -40 Ambient temperature (storage/transport) -40 Ambient temperature (assembly) -5 ° Relative humidity (storage/transport) 95 ° B data Type of PCB mount Late	Specification	IEC 60068-2-27:2008-02
Shock duration Number of shocks per direction Test directions X-, Degree of protection (IP code) Specification IEC Imbient conditions Max. IP code to attain Ambient temperature (operation) Ambient temperature (storage/transport) Ambient temperature (assembly) Relative humidity (storage/transport) B data Type of PCB mount 11 r 12 r 13 r 14 r 15 r 16 r 17 r 18 directions X-, 18 directions IEC 18 directions IP2 r 40 directions Specification IP2 r 40 directions Specification IP2 r 40 directions Specification IP2 r 40 directions IP2	Pulse shape	Half-sine Half-sine
Number of shocks per direction Test directions X-, Degree of protection (IP code) Specification IEC Ambient conditions Max. IP code to attain Ambient temperature (operation) Ambient temperature (storage/transport) Ambient temperature (assembly) Relative humidity (storage/transport) B data Type of PCB mount X-, IEC IEC Type of PCB mount Late	Acceleration	15g
Test directions X-, Degree of protection (IP code) Specification IEC Ambient conditions Max. IP code to attain IP2 Ambient temperature (operation) -40 Ambient temperature (storage/transport) -40 Ambient temperature (assembly) -5° Relative humidity (storage/transport) 95° B data Type of PCB mount Late	Shock duration	11 ms
Degree of protection (IP code) Specification IEC Ambient conditions Max. IP code to attain Ambient temperature (operation) Ambient temperature (storage/transport) Ambient temperature (assembly) Relative humidity (storage/transport) B data Type of PCB mount IEC IEC IEC IEC IEC IEC IEC IE	Number of shocks per direction	3
Specification IEC Imbient conditions Max. IP code to attain IP2 Ambient temperature (operation) -40 Ambient temperature (storage/transport) -40 Ambient temperature (assembly) -5 ° Relative humidity (storage/transport) 95 ° B data Type of PCB mount Late	Test directions	X-, Y- and Z-axis (pos. and neg.)
Specification IEC Imbient conditions Max. IP code to attain IP2 Ambient temperature (operation) -40 Ambient temperature (storage/transport) -40 Ambient temperature (assembly) -5 ° Relative humidity (storage/transport) 95 ° B data Type of PCB mount Late	Degree of protection (IP code)	
Max. IP code to attain Ambient temperature (operation) Ambient temperature (storage/transport) Ambient temperature (assembly) Relative humidity (storage/transport) 95 or a state of PCB mount Late	Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
Max. IP code to attain Ambient temperature (operation) Ambient temperature (storage/transport) Ambient temperature (assembly) Relative humidity (storage/transport) 95 or a state of PCB mount Late	Ambiest conditions	
Ambient temperature (operation) Ambient temperature (storage/transport) Ambient temperature (assembly) Relative humidity (storage/transport) 95 of the storage of PCB mount Later		ID20
Ambient temperature (storage/transport) Ambient temperature (assembly) Relative humidity (storage/transport) 95 december 20		-40 °C 80 °C (depending on power dissipation)
Ambient temperature (assembly) Relative humidity (storage/transport) 95 of the state of PCB mount Late		-40 °C 55 °C
Relative humidity (storage/transport) 95 d B data Type of PCB mount Late	· · · · · · · · · · · · · · · · · · ·	-5 °C 80 °C
B data Type of PCB mount Late		95 %
Type of PCB mount Late	relative namially (clorage/statileporty	00 //
	CB data	
Thickness of the PCB 1.4	Type of PCB mount	Latching
	Thickness of the PCB	1.4 mm 1.8 mm
•		
-	punting	
		Snap in
Mounting position Ver	Mounting position	Vertical (horizontal DIN rail)
	of packaging	packed in cardboard
Type of packaging pac		



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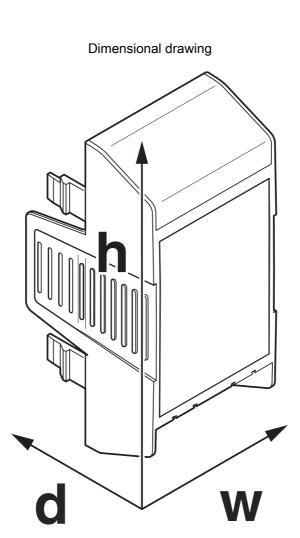
Outer packaging type	Carton



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Drawings



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.



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Approvals

🌣 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1034687



UL RecognizedApproval ID: FILE E 240868



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Classifications

ECLASS

	ECLASS-11.0	27182702
	ECLASS-13.0	27190603
E 1	TIM	
	IIVI	
	ETIM 9.0	EC001031
UNSPSC		
	UNSPSC 21.0	31261500



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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%

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