

1071795

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DIN rail housing, ICS filler, closed, width: 20 mm, height: 7.25 mm, depth: 44.9 mm, color: blue (similar RAL 5015)



### Your advantages

- · 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
- · Customized processing for any customer-specific connection technology
- · Easy and fast push-in mounting of assembled printed-circuit boards, thanks to stable guide rails

#### Commercial data

Item number	1071795
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Product key	ACHAEE
GTIN	4055626760001
Weight per piece (including packing)	2.4 g
Weight per piece (excluding packing)	2.38 g
Country of origin	PL



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

## Technical data

General

#### Notes

Pro	oduct properties	
	Product type	Connection plate
	Housing series	ICS
	Product family	ICS20
	Туре	ICS filler, closed
	Housing type	DIN rail housing

no

#### **Dimensions**

Ventilation openings present

Dimensional drawing	d
Width	20 mm
Height	7.25 mm
Depth	44.9 mm
PCB design	
PCB thickness	1.4 mm 1.8 mm

#### Material specifications

Color (Housing)	blue (RAL 5015)
Flammability rating according to UL 94	V0
CTI according to IEC 60112	600
Surface characteristics	untreated
Housing material	Polyamide

#### Environmental and real-life conditions

#### 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



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Specification         IEC 60695-10-2:2014-02           Temperature         125 °C           Test duration         1 h           Force         20 N           schanical strength / tumbling barrel         Specification           Specification         IEC 60068-2-31:2008-05           Height of fall         50 cm           Frequency         50           socks         Specification           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.)           set for substances that would hinder coating with paint or varnish           Specification         VDMA 24364:2018-05           Result         Test passed           nbient conditions         IP20           Max. IP code to attain         IP20           Ambient temperature (porration)         -40 °C 105 °C (depending on power dissipation)           Ambient temperature (storage/transport)         40 °C 105 °C           Ambient temperature (assembly)         -5 °C 100 °C           Relative humidity (storage/transport)         80 %           B data         Number of PCB holders	Specification	IEC 60695-2-11:2014-02
Specification IEC 60695-10-2:2014-02 Temperature 125 °C Test duration 1 h Force 20 N  cchanical strength / tumbling barrel  Specification IEC 60668-2-31:2008-05 Height of fall 50 cm Frequency 50  chocks Specification IEC 60068-2-37:2008-05 Height of fall 50 cm Frequency 100 cm Specification IEC 60068-2-37:2008-05 Height of fall 50 cm Frequency 100 cm Specification IEC 60068-2-27:2008-02 Pulse shape Half-sine Acceleration 15g Shock duration 15g Shock duration 11 ms Number of shocks per direction 3 3 Test for substances that would hinder coating with paint or vamish Specification VDMA 24364:2018-05 Result Test passed  mbient 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 (storage/transport) 80 %  data  Number of PCB holders 2 Type of PCB mount 1.8 mm  Mounting type Slot  kaging specifications	Temperature	850 °C
Specification         IEC 60695-10-2:2014-02           Temperature         125 °C           Test duration         1 h           Force         20 N           echanical strength / tumbling barrel         IEC 60068-2-31:2008-05           Specification         IEC 60068-2-31:2008-05           Height of fall         50 cm           Frequency         50           nocks         Frequency           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.)           set for substances that would hinder coating with paint or varnish         Specification           VDMA 24364-2018-05         Test passed           result         Test passed           mbient conditions         VDMA 24364-2018-05           Result         Test passed           mbient temperature (operation)         -40 °C 105 °C (depending on power dissipation)           Ambient temperature (storage/transport)         -40 °C 105 °C           Ambient temperature (assembly)         -5 °C 100 °C           Relative humidity	Time of exposure	30 s
Specification         IEC 60695-10-2:2014-02           Temperature         125 °C           Test duration         1 h           Force         20 N           echanical strength / tumbling barrel         IEC 60068-2-31:2008-05           Specification         IEC 60068-2-31:2008-05           Height of fall         50 cm           Frequency         50           nocks         Frequency           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.)           set for substances that would hinder coating with paint or varnish         Specification           VDMA 24364-2018-05         Test passed           result         Test passed           mbient conditions         VDMA 24364-2018-05           Result         Test passed           mbient temperature (operation)         -40 °C 105 °C (depending on power dissipation)           Ambient temperature (storage/transport)         -40 °C 105 °C           Ambient temperature (assembly)         -5 °C 100 °C           Relative humidity	hermal stability / ball thrust test	
Temperature         125 °C           Test duration         1 h           Force         20 N           echanical strength / tumbling barrel         Specification           Specification         IEC 60068-2-31:2008-05           Height of fall         50 cm           Frequency         50           nocks         Specification           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.)           est for substances that would hinder coating with paint or varnish           Specification         VDMA 24364:2018-05           Result         Test passed           mbient conditions         IP20           Max. IP code to attain         IP20           Ambient temperature (poretation)         -40 °C 105 °C (depending on power dissipation)           Ambient temperature (storage/transport)         40 °C 155 °C           Ambient temperature (assembly)         -5 °C 100 °C           Relative humidity (storage/transport)         80 %           3 data         Number of PCB holders         2           Type of PCB mount         Slo		IEC 60695-10-2:2014-02
Test duration         1 h           Force         20 N           echanical strength / tumbling barrel           Specification         IEC 60068-2-31:2008-05           Height of fall         50 cm           Frequency         50           nocks         Frequency           Specification         IEC 60068-2-27:2008-02           Pulse shape         Half-read           Acceleration         15 g           Shock duration         11 ms           Number of shocks per direction         3           Test directions         X-, Y- and Z-axis (pos. and neg.)           est for substances that would hinder coating with paint or varnish         Specification           Specification         VDMA 24364:2018-05           Result         Test passed           mbient conditions         IP20           Max. IP code to attain         IP20           Ambient temperature (storage/transport)         -40 °C 105 °C (depending on power dissipation)           Ambient temperature (storage/transport)         -40 °C 55 °C           Ambient temperature (storage/transport)         -80 °C 100 °C           Relative humidity (storage/transport)         80 °C 100 °C           Relative humidity (storage/transport)         80 °C 100 °C		125 °C
specification   IEC 60068-2-31:2008-05   Height of fall   50 cm   Frequency   50   Frequenc		1 h
Specification         IEC 60068-2-31:2008-05           Height of fall         50 cm           Frequency         50           nocks         50           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.)           set for substances that would hinder coating with paint or varnish         Specification           Specification         VDMA 24364:2018-05           Result         Test passed           mbient conditions         WAMA 24364:2018-05           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 %           3 data         1.4 mm 1.8 mm           unting         Mounting type         Slot           kaging specifications	Force	20 N
Specification         IEC 60068-2-31:2008-05           Height of fall         50 cm           Frequency         50           nocks         50           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.)           set for substances that would hinder coating with paint or varnish         Specification           Specification         VDMA 24364:2018-05           Result         Test passed           mbient conditions         WAMA 24364:2018-05           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 %           3 data         1.4 mm 1.8 mm           unting         Mounting type         Slot           kaging specifications	/lechanical strength / tumbling barrel	
Height of fall   50 cm		IEC 60068-2-31:2008-05
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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.) set for substances that would hinder coating with paint or varnish Specification VDMA 24364:2018-05 Result Test passed  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) 50 °C 100 °C Relative humidity (storage/transport) 80 %  Adata Number of PCB holders 2 Type of PCB mount Slot Thickness of the PCB 1.4 mm 1.8 mm  Mounting type Slot  kaging specifications		50
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.)  set for substances that would hinder coating with paint or varnish Specification VDMA 24364:2018-05 Result Test passed  Max. IP code to attain IP20 Ambient temperature (operation) 40 °C 105 °C (depending on power dissipation) Ambient temperature (assembly) 5° °C 100 °C Relative humidity (storage/transport) 80 %  Adata  Number of PCB holders 2 Type of PCB mount 5 Note PCB International Slot Thickness of the PCB Slot  Kaging specifications		
Pulse shape Acceleration 15g Shock duration 111 ms Number of shocks per direction 3 Test directions X-, Y- and Z-axis (pos. and neg.)  Specification VDMA 24364:2018-05 Result Test passed  Test passed  Max. IP code to attain IP20 Ambient temperature (operation) 40 °C 105 °C (depending on power dissipation) Ambient temperature (assembly) 5°C 100 °C Relative humidity (storage/transport) 80 %  Adata  Number of PCB holders 2 Type of PCB mount 5 Thickness of the PCB 1.4 mm 1.8 mm  Mounting type Slot  kaging specifications		IEC 60068-2-27:2008-02
Acceleration 15g Shock duration 11 ms Number of shocks per direction 3 Test directions X-, Y- and Z-axis (pos. and neg.)  ast for substances that would hinder coating with paint or varnish Specification VDMA 24364:2018-05 Result Test passed  Test passe		
Shock duration Number of shocks per direction 13 Test directions X-, Y- and Z-axis (pos. and neg.)  Y- DMA 24364:2018-05  Y- DMA 2406		15g
Test directions  X-, Y- and Z-axis (pos. and neg.)  ast for substances that would hinder coating with paint or varnish  Specification  VDMA 24364:2018-05  Result  Test passed  Max. IP code to attain  Ambient temperature (operation)  Ambient temperature (storage/transport)  Ambient temperature (assembly)  Ambient temperature (assembly)  Relative humidity (storage/transport)  Adata  Number of PCB holders  Type of PCB mount  Thickness of the PCB  Mounting type  Slot  Kaging specifications	Shock duration	11 ms
est for substances that would hinder coating with paint or varnish  Specification  Result  Test passed  Max. IP code to attain  Ambient temperature (operation)  Ambient temperature (storage/transport)  Ambient temperature (assembly)  Relative humidity (storage/transport)  Mumber of PCB holders  Type of PCB mount  Thickness of the PCB  Mounting type  Slot  Kaging specifications	Number of shocks per direction	3
Result Test passed  Test passed	Test directions	X-, Y- and Z-axis (pos. and neg.)
Result Test passed  Test passed	est for substances that would hinder coating with paint or	varnish
Result Test passed  mbient 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 %  S data  Number of PCB holders 2 Type of PCB mount Slot  Thickness of the PCB 1.4 mm 1.8 mm  anting  Mounting type Slot  kaging specifications		
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Max. IP code to attain  Ambient temperature (operation)  Ambient temperature (storage/transport)  Ambient temperature (assembly)  Relative humidity (storage/transport)  By data  Number of PCB holders  Type of PCB mount  Thickness of the PCB  Mounting type  Mounting type  IP20  -40 °C 105 °C (depending on power dissipation)  -40 °C 55 °C  -80 °C 100 °C  80 %  Slot  Slot  1.4 mm 1.8 mm	ambient conditions	
Ambient temperature (operation)  Ambient temperature (storage/transport)  Ambient temperature (storage/transport)  -40 °C 105 °C (depending on power dissipation)  -40 °C 55 °C  Ambient temperature (assembly)  -5 °C 100 °C  Relative humidity (storage/transport)  80 %  Stot  Type of PCB holders  2  Type of PCB mount  Thickness of the PCB  1.4 mm 1.8 mm  Inting  Mounting type  Slot  kaging specifications		IP20
Ambient temperature (storage/transport)  Ambient temperature (assembly)  -5 °C 100 °C  Relative humidity (storage/transport)  80 %  Auta  Number of PCB holders  Type of PCB mount  Thickness of the PCB  Mounting  Mounting type  Slot  Kaging specifications		
Ambient temperature (assembly)  Relative humidity (storage/transport)  80 %  3 data  Number of PCB holders  Type of PCB mount  Thickness of the PCB  Mounting  Mounting type  Slot		
Relative humidity (storage/transport)  80 %  8 data  Number of PCB holders  2 Type of PCB mount  Thickness of the PCB  1.4 mm 1.8 mm  Inting  Mounting type  Slot  kaging specifications		
Number of PCB holders  Type of PCB mount  Slot  Thickness of the PCB  1.4 mm 1.8 mm  unting  Mounting type  Slot  kaging specifications	· · · · · · · · · · · · · · · · · · ·	80 %
Number of PCB holders  Type of PCB mount  Slot  Thickness of the PCB  1.4 mm 1.8 mm  unting  Mounting type  Slot  kaging specifications		
Type of PCB mount  Thickness of the PCB  1.4 mm 1.8 mm  unting  Mounting type  Slot  kaging specifications		2
Thickness of the PCB  1.4 mm 1.8 mm  unting  Mounting type  Slot  kaging specifications		
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Mounting type Slot kaging specifications		
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	Mounting type	Slot
Outer packaging type Resealable bag	ckaging specifications	
	Outer packaging type	Resealable bag



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## Classifications

#### **ECLASS**

	ECLASS-11.0	27182702
	ECLASS-13.0	27190605
Εī	ГІМ	
	ETIM 9.0	EC001031
UNSPSC		
	UNSPSC 21.0	31261500



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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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