2203456

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Complete housing for PCBs, fixed to the corner inlays, includes housing half shells, side panels closed, corner inlays with PCB attachment, screws for housing and PCB attachment, black housing with turquoise blue corner inlays

Your advantages

- · High degree of application flexibility, thanks to the modular housing design
- · Flexible PCB attachment, adapts to virtually all form factors
- · Practical customization options
- · Reduced logistics outlay, thanks to components which are compatible with one another

Commercial data

Item number	2203456
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	ACF
Product key	ACFCAA
GTIN	4055626403427
Weight per piece (including packing)	742.5 g
Weight per piece (excluding packing)	742 g
Customs tariff number	85389099
Country of origin	DE

PHŒN

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Technical data

Notes

	General	The housing can be opened a maximum of 10 times.
Pro	oduct properties	
	Product type	Complete housing
	Product family	UCS 237-195-F
	Туре	Flat design (CCD)
	Housing type	Universal housings
	Ventilation openings present	no
	Housing series	UCS

Dimensions

Dimensional drawing	h d
Width	237 mm
Height	195 mm
Depth	47 mm
Dimensions	211.8 mm x 169.8 mm (Maximum circuit board dimensions)
PCB design	
PCB thickness	0.8 mm 3 mm

Material specifications

Color (Housing)	black (RAL 9005)
Flammability rating according to UL 94	V0
CTI according to IEC 60112	225
Insulating material	PC
Surface characteristics	untreated
Housing material	PC

Environmental and real-life conditions

Power dissipation single housing for 20 °C

Ambient temperature	20 °C
Reduction factor	1
Mounting position	vertical
Power dissipation	31 W

Power dissipation single housing for 30 °C





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Ambient temperature	30 °C
Reduction factor	0.8
Mounting position	vertical
Power dissipation	25.5 W
Power dissipation single housing for 40 °C	
Ambient temperature	40 °C
Reduction factor	0.65
Mounting position	vertical
Power dissipation	20.3 W
Power dissipation single housing for 50 °C	
Ambient temperature	50 °C
Reduction factor	0.5
Mounting position	vertical
Power dissipation	15.5 W
Power dissipation single housing for 60 °C	
Ambient temperature	60 °C
Reduction factor	0.32
Mounting position	vertical
Power dissipation	10 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) 2.5 h
Test duration per axis Test directions	X-, Y- and Z-axis
Glow-wire test	
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
Temperature	125 °C
Test duration	1 h
Force	20 N
Mechanical strength / tumbling barrel	
Specification	IEC 60068-2-31:2008-05
Height of fall	50 cm
Frequency	50



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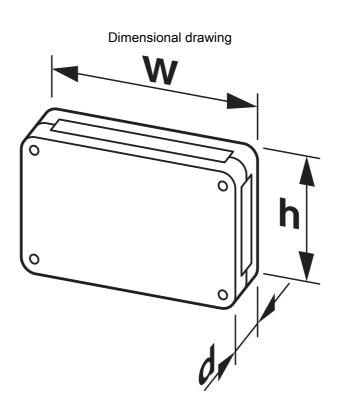
Max. IP code to attain IP40 Ambient temperature (operation) -40 °C 105 °C (depending on power dissipation) Ambient temperature (storage/transport) -40 °C 55 °C Ambient temperature (assembly) -5 °C 100 °C Relative humidity (storage/transport) 80 % B data Intervention of PCB holders Number of PCB holders 1 Total PCB surface 36040 mm² Total PCB surface 0.8 mm 3 mm Note on PCB holders This product is prepared for a printed-circuit boards can be mounted using adhesive pads (accessories). unting Screw mounting Mounting type Screw mounting Mounting position any Tightening torque / speed Screw mounting halves: 1.2 Nm-1.4 Nm / 5 rpm-1000 rpm	Specification	IEC 60068-2-27:2008-02
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 Yee protection (Posteria Protection Posteria Protection (Posteria Protection Protectin Protection Protection Protectin Protection Protec	Pulse shape	Half-sine
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Note on PCB holders This product is prepared for a printed-circuit board. Additional printed-circuit boards can be mounted using adhesive pads (accessories). unting Mounting type Mounting position Screw mounting Tightening torque / speed Screw connection between housing halves: 1.2 Nm-1.4 Nm / 5 rpm-1000 rpm Mounting of PCB on corner feeder: 0.4 Nm-0.5 Nm / 500 rpm-1000 rpm Mounting of PCB on corner feeder: 0.4 Nm-0.5 Nm / 500 rpm-1000 rpm	Total PCB surface	36040 mm²
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1000 rpm	Tightening torque / speed	Screw connection between housing halves: 1.2 Nm-1.4 Nm / 50 rpm-1000 rpm
	ckaging specifications	
		Box packaging



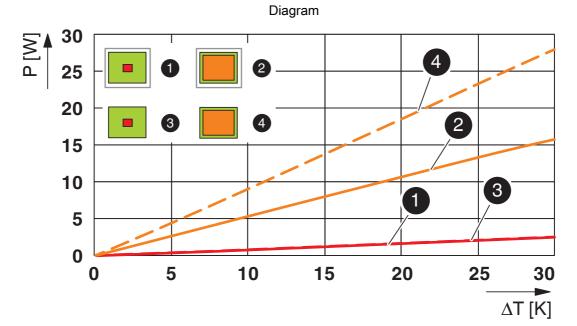
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Drawings



Schematic representation - for additional information, see product range drawing in the Download Center

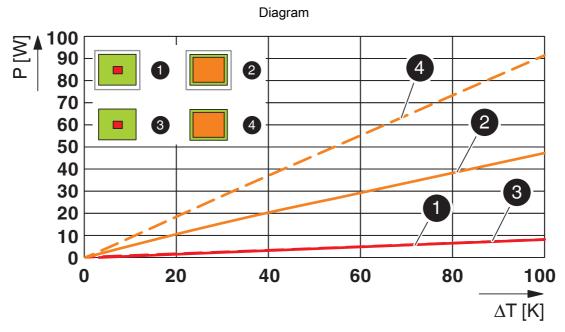


Power dissipation diagram for 0 K ... 30 K



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Power dissipation diagram for 0 K ... 100 K

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Approvals

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UL Recognized Approval ID: FILE E 240868



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Classifications

ECLASS

	ECLASS-11.0	27182702
	ECLASS-13.0	27190603
ETIM		
	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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