UCS HH-HSAS1 125-87 7035 - Housing half-shell with heatsink

PHŒNIX CONTACT

1481707

https://www.phoenixcontact.com/gb/products/1481707

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.

Housing half-shell with heatsink and heat expansion element UCS HSP 22-25 AL for creating a UCS housing with the dimensions 125 mm x 87 mm; material: polycarbonate, aluminum; color: light grey, similar to RAL 7035

Your advantages

- Heatsink solutions enable devices to be used in thermally demanding applications
- Optimal thermal path for reliable heat dissipation
- Custom-tailored to various hot spots
- Heatsink solutions can be used in a variety of housing sizes
- Made-to-fit system solutions with mounting materials

Commercial data

Item number	1481707
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	ACFCAG
Product key	ACFCAG
GTIN	4063151901103
Weight per piece (including packing)	259 g
Weight per piece (excluding packing)	213 g
Country of origin	DE

UCS HH-HSAS1 125-87 7035 - Housing half-shell with heatsink

1481707

https://www.phoenixcontact.com/gb/products/1481707

Technical data

Notes

General	Individual milling possible.
General	Please observe the application note in the download area.
Recommendation	Further information and detailed dimensions are available in the download area.

Product properties

Product type	Housing half shells
Housing type	Universal housings
Housing series	UCS
Product family	UCS 125-87
Type	Housing half shell
Ventilation openings present	no

Dimensions

Width	125 mm
Height	87 mm
Depth	48 mm

Material specifications

Color (Housing)	light gray (RAL 7035)
Material Heat spreader	Anodized aluminum
Flammability rating according to UL 94	V0
CTI according to IEC 60112	225
Insulating material	PC
Housing material	PC
Surface characteristics	untreated
	anodized

Environmental and real-life conditions

Ambient conditions

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)	95 %

PCB data

Type of PCB mount	Bolt mounting

Mounting

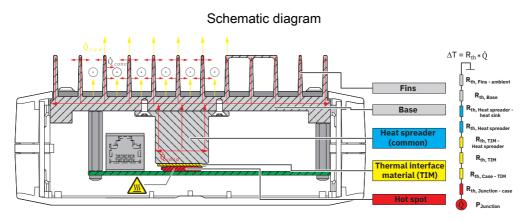|	
Mounting type	Screw mounting
Mounting position	any
Tightening torque / speed	Screw connection between housing halves: 1.2 - 1.4 Nm / 500 - 1000 rpm
	Mounting of PCB on corner feeder: 0.4 - 0.5 Nm / 500 - 1000 rpm

Packaging specifications

Type of packaging	Box packaging

UCS HH-HSAS1 125-87 7035 - Housing half-shell with heatsink

1481707

https://www.phoenixcontact.com/gb/products/1481707

Drawings

Schematic diagram

The thermal path in an electronics housing system

UCS HH-HSAS1 125-87 7035 - Housing half-shell with heatsink

1481707

https://www.phoenixcontact.com/gb/products/1481707

Classifications

ECLASS

ECLASS-13.0	27190603

ETIM

ETIM 9.0	EC002779

UCS HH-HSAS1 125-87 7035 - Housing half-shell with heatsink

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.)	Perfluorobutane sulfonic acid (PFBS) and its salts(CAS: n/a)
SCIP	7df47c4c-c669-4b32-8cde-1060bed987dd