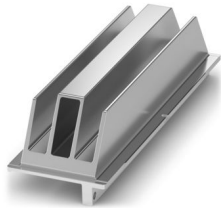


# UCS HS-SW 125-F AL - Heatsink

1481699

<https://www.phoenixcontact.com/us/products/1481699>

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.



Heatsink for housing series: UCS, type: Side panel, material: Aluminum, anodized, width: 96 mm, height: 40.1 mm, This heatsink can be mounted instead of a side panel.

## 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	1481699
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC03
Product key	ACFCAG
GTIN	4063151900915
Weight per piece (including packing)	109.8 g
Weight per piece (excluding packing)	93 g
Customs tariff number	76169990
Country of origin	CN

# UCS HS-SW 125-F AL - Heatsink



1481699

<https://www.phoenixcontact.com/us/products/1481699>

## Technical data

### Notes

Assembly note	This heatsink can be mounted instead of a side panel.
General	Please observe the application note in the download area.
General	Individual milling possible.

### Product properties

Product type	Heatsink
Housing type	Heatsink
Housing type	Universal housings
Housing series	UCS
Ventilation openings present	no

### Dimensions

Width	96 mm
Height	40.1 mm
Depth	35.1 mm

### Material specifications

Color (Housing)	aluminum color
Material	Aluminum
Surface characteristics	anodized

### 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

#### Shocks

Specification	IEC 60068-2-27:2008-02
Pulse shape	Semi-sinusoidal
Acceleration	15g
Shock duration	11 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)

#### Test for substances that would hinder coating with paint or varnish

Specification	VDMA 24364:2018-05
---------------	--------------------

# UCS HS-SW 125-F AL - Heatsink



1481699

<https://www.phoenixcontact.com/us/products/1481699>

Result	Test passed
--------	-------------

## Ambient conditions

Max. IP code to attain	IP40
Ambient temperature (storage/transport)	-40 °C ... 55 °C
Ambient temperature (assembly)	-5 °C ... 100 °C

## Mounting

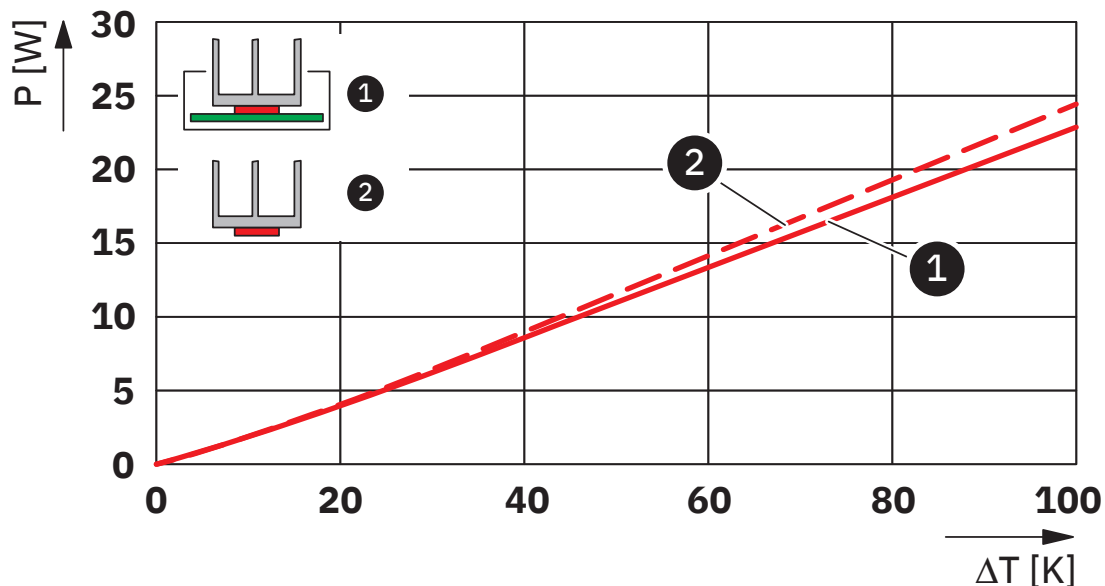
Mounting type	Slot
Mounting position	any

## Packaging specifications

Type of packaging	Box packaging
-------------------	---------------

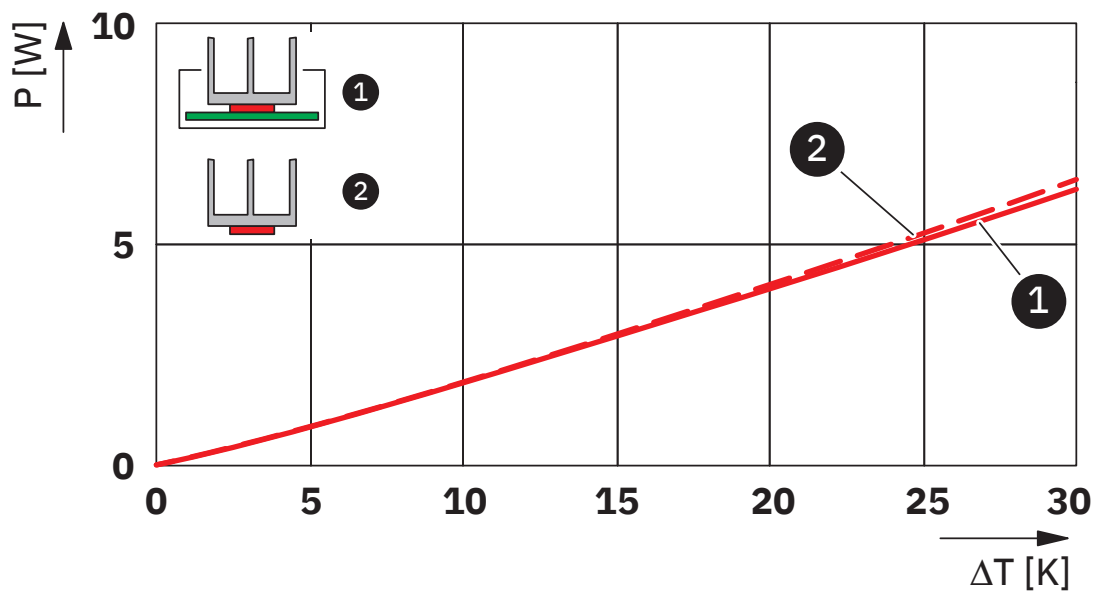
## Drawings

Diagram



Power dissipation diagram for 0 K ... 100 K

Diagram



Power dissipation diagram for 0 K ... 30 K

# UCS HS-SW 125-F AL - Heatsink



1481699

<https://www.phoenixcontact.com/us/products/1481699>

## Classifications

### ECLASS

ECLASS-15.0	27260501
ECLASS-13.0	27260501

# UCS HS-SW 125-F AL - Heatsink



1481699

<https://www.phoenixcontact.com/us/products/1481699>

## 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 2026 © - 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](mailto:info@phoenixcon.com)