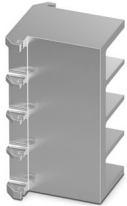


# ICE25-F45H-A1 - Heatsink

1328703

<https://www.phoenixcontact.com/us/products/1328703>

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: ICS, type: Heatsink fillers, material: Aluminum, anodized, product range: ICS25, width: 44.9 mm, height: 25 mm, Individual milling possible.

## Your advantages

- Heatsinks enable the finished devices to be used in thermally demanding applications
- Reliable heat dissipation with passive heatsinks
- Variable positioning of the heatsink base for electronic components of different heights
- Large installation space in the housing with space-saving heatsink fillers
- Tailored system solution comprised of a housing, connection technology, heatsink, and additional accessories

## Commercial data

Item number	1328703
Packing unit	10 pc
Minimum order quantity	10 pc
Product key	ACHAEF
GTIN	4063151621971
Weight per piece (including packing)	45.35 g
Weight per piece (excluding packing)	20.25 g
Country of origin	CN

# ICE25-F45H-A1 - Heatsink

1328703

<https://www.phoenixcontact.com/us/products/1328703>

## Technical data

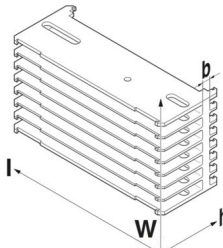
### Notes

General	Individual milling possible.
General	Refer to the data sheet for the range in the download area.

### Product properties

Product type	Heat sink
Housing series	ICS
Product family	ICS25
Type	Heatsink fillers
Housing type	Heatsink

### Dimensions

Dimensional drawing	
Width	44.9 mm
Height	25 mm
Length	25 mm
Base panel thickness [b]	3.8 mm

### Material specifications

Color	aluminum color
Color (Housing)	aluminum
Material	Aluminum
Surface characteristics	anodized
Thermal resistance $R_{th}$	10.9 K/W (At $\Delta T$ 65 K for ambient temperature) 15.2 K/W (At $\Delta T$ 5 K for ambient temperature)

### 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

# ICE25-F45H-A1 - Heatsink



1328703

<https://www.phoenixcontact.com/us/products/1328703>

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
Result	Test passed

## Ambient conditions

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
-------------------	---------------

# ICE25-F45H-A1 - Heatsink



1328703

<https://www.phoenixcontact.com/us/products/1328703>

## Classifications

### ECLASS

ECLASS-11.0	27260501
ECLASS-12.0	27260501
ECLASS-13.0	27260501

### ETIM

ETIM 9.0	EC001143
----------	----------

### UNSPSC

UNSPSC 21.0	32131000
-------------	----------

# ICE25-F45H-A1 - Heatsink



1328703

<https://www.phoenixcontact.com/us/products/1328703>

## Environmental product compliance

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

Phoenix Contact 2024 © - 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)