

# HV M5/1-AP - Cover profile



3049806

<https://www.phoenixcontact.com/us/products/3049806>

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.

Cover profile, for single-bolt terminal block M5, depth: 6.5 mm, width: 13 mm, height: 52 mm, color: gray



## Commercial data

Item number	3049806
Packing unit	25 pc
Minimum order quantity	25 pc
Sales key	BE49
Product key	BE4Z1X
GTIN	4046356184021
Weight per piece (including packing)	1.398 g
Weight per piece (excluding packing)	1.324 g
Customs tariff number	39269097
Country of origin	DE

# HV M5/1-AP - Cover profile



3049806

<https://www.phoenixcontact.com/us/products/3049806>

## Technical data

### Product properties

Product type	Cover profile
--------------	---------------

### Dimensions

Width	13 mm
Height	52 mm
Depth	6.5 mm

### Material specifications

Color	gray (RAL 7042)
Material	PA
Flammability rating according to UL 94	V0
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Calorimetric heat release NFPA 130 (ASTM E 1354)	27,5 MJ/kg
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

# HV M5/1-AP - Cover profile

3049806

<https://www.phoenixcontact.com/us/products/3049806>



## Classifications

### ECLASS

ECLASS-13.0	27141190
ECLASS-15.0	27250190

### ETIM

ETIM 10.0	EC002848
-----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# HV M5/1-AP - Cover profile



3049806

<https://www.phoenixcontact.com/us/products/3049806>

## 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%
-------------------------------------	----------------------------

### EF3.1 Climate Change

CO2e kg	0.051 kg CO2e
---------	---------------

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)