

HV M6/1-AP - Cover profile



3049903

<https://www.phoenixcontact.com/us/products/3049903>

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 M6, depth: 6.5 mm, width: 16 mm, height: 70 mm, color: gray



Commercial data

Item number	3049903
Packing unit	25 pc
Minimum order quantity	25 pc
Sales key	BE49
Product key	BE4Z1X
Catalog page	Page 395 (C-1-2019)
GTIN	4046356184045
Weight per piece (including packing)	2.096 g
Weight per piece (excluding packing)	1.924 g
Customs tariff number	39269097
Country of origin	CN

HV M6/1-AP - Cover profile



3049903

<https://www.phoenixcontact.com/us/products/3049903>

Technical data

Product properties

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

Dimensions

Width	16 mm
Height	70 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 M6/1-AP - Cover profile

3049903

<https://www.phoenixcontact.com/us/products/3049903>



Classifications

ECLASS

ECLASS-11.0	27141190
ECLASS-12.0	27141190
ECLASS-13.0	27141190

ETIM

ETIM 9.0	EC002848
----------	----------

UNSPSC

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

HV M6/1-AP - Cover profile



3049903

<https://www.phoenixcontact.com/us/products/3049903>

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 2025 © - 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