

# MCS-78X64-C-D-7035 - Housing frame



1524240

<https://www.phoenixcontact.com/us/products/1524240>

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 frame, Design element with marking field, color: light gray (similar RAL 7035)



## Your advantages

- Convenient operation during device installation and maintenance thanks to optional hinges on the housing cover
- Flexible mounting thanks to the optional adapter plate
- Safe operation with the right degree of protection
- Individualized product selection due to the modular system
- Optimized PCB installation: PCB can be installed in a nearly horizontal orientation thanks to the angled housing edge

## Commercial data

Item number	1524240
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC04
Product key	ACFFAB
GTIN	4063151991401
Weight per piece (including packing)	15.31 g
Weight per piece (excluding packing)	9.4 g
Customs tariff number	84879090
Country of origin	DE

# MCS-78X64-C-D-7035 - Housing frame



1524240

<https://www.phoenixcontact.com/us/products/1524240>

## Technical data

### Notes

Assembly note	Please observe the assembly instructions available in the download area.
Recommendation	Further information and detailed dimensions are available in the download area.

### Product properties

Product type	Cover
Housing type	Field housing
Housing series	MCS
Product family	MCS-78X64
Type	Design element with marking field
Ventilation openings present	no

### Dimensions

Dimensional drawing	
Dimensions	78.3 mm x 64.3 mm x 8 mm

### Material specifications

Color (Housing)	light gray (RAL 7035)
Material (Housing)	PA-GF
Flammability rating according to UL 94	V0
CTI according to IEC 60112	600

### 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

#### Glow-wire test

Specification	IEC 60695-2-11:2021-10
Temperature	850 °C

# MCS-78X64-C-D-7035 - Housing frame



1524240

<https://www.phoenixcontact.com/us/products/1524240>

Time of exposure	30 s
------------------	------

## Thermal stability / ball thrust test

Specification	IEC 60695-10-2:2014-02
Temperature	125 °C
Test duration	1 h
Force	20 N

## Mechanical strength / tumbling barrel

Specification	IEC 60068-2-31:2008-05
Height of fall	50 cm
Frequency	10

## Shocks

Specification	IEC 60068-2-27:2008-02
Pulse shape	Half-sine
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 (operation)	-40 °C ... 85 °C (depending on power dissipation)
Ambient temperature (storage/transport)	-40 °C ... 55 °C
Ambient temperature (assembly)	-5 °C ... 85 °C
Relative humidity (storage/transport)	80 %

## Mounting

Mounting type	Latching with upper housing part
Mounting position	any

## Packaging specifications

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

# MCS-78X64-C-D-7035 - Housing frame

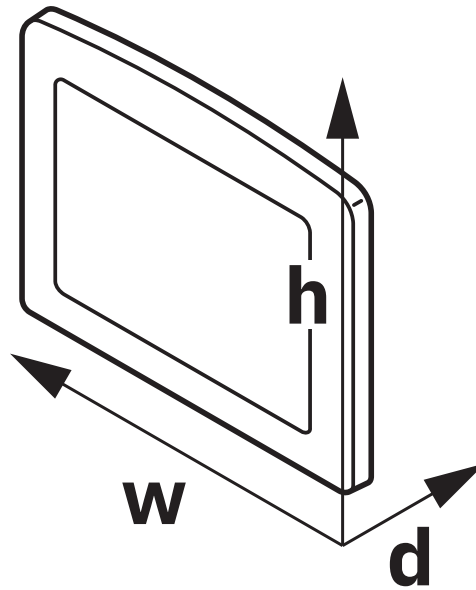
1524240

<https://www.phoenixcontact.com/us/products/1524240>



## Drawings

Dimensional drawing



Schematic representation – for additional information, see product range drawing in the Download Center

# MCS-78X64-C-D-7035 - Housing frame



1524240

<https://www.phoenixcontact.com/us/products/1524240>

## Classifications

### ECLASS

ECLASS-13.0	27190605
-------------	----------

### ETIM

ETIM 9.0	EC002779
----------	----------

# MCS-78X64-C-D-7035 - Housing frame



1524240

<https://www.phoenixcontact.com/us/products/1524240>

## 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](mailto:info@phoenixcon.com)