

# TP-UDMTK 5-TWIN - Separating plate



3100240

<https://www.phoenixcontact.com/us/products/3100240>

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.

Separating plate, depth: 70.1 mm, width: 2 mm, height: 86.3 mm, color: gray



## Commercial data

Item number	3100240
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE19
Product key	BE1Z1X
GTIN	4017918092535
Weight per piece (including packing)	11.7 g
Weight per piece (excluding packing)	10.92 g
Customs tariff number	39269097
Country of origin	DE

# TP-UDMTK 5-TWIN - Separating plate



3100240

<https://www.phoenixcontact.com/us/products/3100240>

## Technical data

### Product properties

Product type	Partition plate
--------------	-----------------

### Material specifications

Color	gray (RAL 7042)
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °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)	28 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

### Dimensions

Width	2 mm
Height	86.3 mm
Depth	70.1 mm

### 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 %

# TP-UDMTK 5-TWIN - Separating plate



3100240

<https://www.phoenixcontact.com/us/products/3100240>

## Classifications

### ECLASS

ECLASS-13.0	27250301
ECLASS-15.0	27250301

### ETIM

ETIM 10.0	EC000886
-----------	----------

### UNSPSC

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

# TP-UDMTK 5-TWIN - Separating plate



3100240

<https://www.phoenixcontact.com/us/products/3100240>

## 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	0.03 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)