

## Knife disconnect terminal block - PTVC 2,5-MT - 1079059

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Knife disconnect terminal block, nom. voltage: 400 V, nominal current: 20 A, connection method: Push-in connection, cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, length: 62 mm, width: 5.2 mm, color: gray, mounting: NS 35/7,5, NS 35/15, nom. voltage: 400 V

### Your advantages

- ✓ The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- ✓ The compact design and front connection enable wiring in a confined space
- ✓ In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection

### Key Commercial Data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	
GTIN	4055626796925

### Technical data

#### General

Number of levels	1
Number of connections	2
Potentials	1
Nominal cross section	2.5 mm <sup>2</sup>
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	0.77 W

# Knife disconnect terminal block - PTVC 2,5-MT - 1079059

## Technical data

### General

Maximum load current	20 A (with 4 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	20 A
Nominal voltage U <sub>N</sub>	400 V
Open side panel	Yes

### Dimensions

Width	5.2 mm
End cover width	2.2 mm
Length	62 mm
Height	35.3 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

### Connection data

Connection method	Push-in connection
Stripping length	8 mm ... 10 mm
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section AWG min.	26
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.14 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	14
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm <sup>2</sup>
Internal cylindrical gage	A3

### Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
Flammability rating according to UL 94	V0

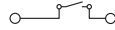
### Environmental Product Compliance

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

## Drawings

## Knife disconnect terminal block - PTVC 2,5-MT - 1079059

Circuit diagram



---

Phoenix Contact 2019 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [DIN Rail Terminal Blocks](#) category:*

*Click to view products by [Phoenix Contact](#) manufacturer:*

Other Similar products are found below :

[00110420202](#) [8WA1011-1BH23](#) [8WA1011-1EF20](#) [91.010](#) [9102100000](#) [91.040](#) [9123140000](#) [9123140001](#) [RBO 5-T-B-HEX](#) [1333564](#) [DP25-GY-ND](#) [1431306](#) [1433306](#) [HSL-TB64-DIN](#) [90.070](#) [91.020](#) [912314](#) [260-301\\_NR](#) [2757571](#) [280-331](#) [280-560](#) [280-564](#) [281-611/281-542](#) [281-673/281-411](#) [281-994](#) [283-317](#) [283-607](#) [2909798](#) [264-724](#) [264-726](#) [280-530](#) [280-555](#) [280-619](#) [281-610](#) [281-622/281-417](#) [284-317](#) [284-601](#) [2907033](#) [3048496](#) [5542152](#) [35956](#) [USK 10](#) [102510](#) [1025100000](#) [5520682](#) [5607102](#) [EMH 25-ZE30](#) [591620-2](#) [UM 45-SEFE](#) [M.NUT BK](#) [1-591651-1](#)