

# PLC-VT/LA - Feed-through terminal block



2296854

<https://www.phoenixcontact.com/pc/products/2296854>

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VARIOFACE feed-through terminal block (2-conductor screw connection), for PLC-INTERFACE universal series, with 24 V DC LED display

## Your advantages

- Can be combined with PLC-INTERFACE universal series
- With LED as an option
- Signal path with additional potential level for free assignment (2-conductor connection)

## Commercial data

Item number	2296854
Packing unit	10 pc
Minimum order quantity	1 pc
Product key	CK21D6
Catalog page	Page 532 (C-5-2019)
GTIN	4017918821623
Weight per piece (including packing)	33.99 g
Weight per piece (excluding packing)	28.29 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Notes

Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
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### Product properties

Product type	Feed-through terminal block
Product family	PLC-INTERFACE

#### Insulation characteristics

Insulation	Functional insulation
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#### Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

### Electrical properties

Operating voltage range	18 V DC ... 33.6 V DC
Current (per branch)	≤ 6 A
Current (per connection terminal block with bridge shaft)	≤ 6 A

#### Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (1.2/50 μs)

### Connection data

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Number of positions	5
Conductor cross section rigid	0.2 mm² ... 4 mm²
Conductor cross section flexible	0.2 mm² ... 2.5 mm²
Conductor cross section AWG	24 ... 12

### Signaling

Status display	Yellow LED
Status display present	Yes

### Dimensions

#### Item dimensions

Width	6.1 mm
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Height	80 mm
Depth	92.5 mm

## Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0

## Environmental and real-life conditions

### Ambient conditions

Degree of protection (Module)	IP20
Degree of protection (Installation location)	≥ IP54
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Altitude	≤ 2000 m

## Approvals

### CE

Certificate	CE-compliant
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### UKCA

Certificate	UKCA-compliant
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### Shipbuilding approval

Certificate	TAE0000196
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### DNV GL data

Temperature	D
Humidity	A
Vibration	B/C
EMC	B
Enclosure	Required protection according to the Rules shall be provided upon installation on board

## EMC data

Low Voltage Directive	Conformance with Low Voltage Directive
Electromagnetic compatibility	Conformance with EMC directive

## Standards and regulations

### Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1
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## Mounting

Mounting type	DIN rail mounting
Assembly note	in rows with zero spacing
Mounting position	any

# PLC-VT/LA - Feed-through terminal block

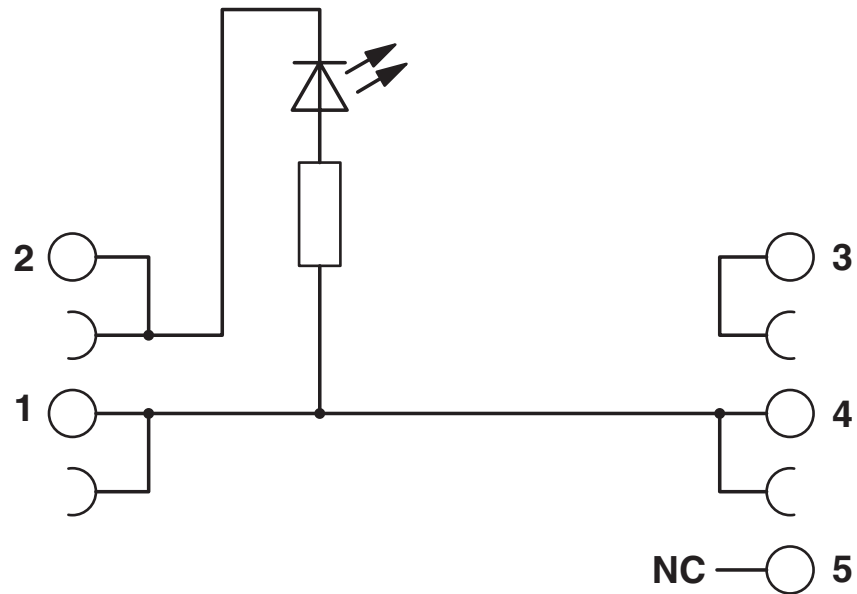
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## Drawings

Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/2296854>

	<b>cUL Recognized</b>			
	Approval ID: FILE E 238705			
		Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG
		20 V	6 A	-

	<b>UL Recognized</b>			
	Approval ID: FILE E 238705			
		Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG
		20 V	6 A	-

	<b>DNV GL</b>			
	Approval ID: TAE0000196			

<b>cULus Recognized</b>				
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## Classifications

### ECLASS

ECLASS-11.0	27371692
ECLASS-12.0	27371692
ECLASS-13.0	27371692

### ETIM

ETIM 9.0	EC002586
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### UNSPSC

UNSPSC 21.0	39122300
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## 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.)	Hexahydromethylphthalic anhydride(CAS: n/a)
SCIP	67472cc0-4c37-4910-84e1-309396ed2125

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