

# Feed-through terminal block - PLC-VT - 2296870

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VARIOFACE feed-through terminal block (two-conductor connection), for PLC-RELAY universal series

The illustration shows version PLC-VT/LA

## Product Features

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



## Key commercial data

package_quantity	10
GTIN	4017918821609

## Technical data

### Dimensions

Width	6.2 mm
Height	80 mm
Depth	94 mm

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C

### General

Nominal voltage $U_N$	max. 250 V AC/DC
Rated surge voltage	4 kV
Max. current carrying capacity per branch	6 A (per signal conductor)
Max. current carrying capacity per branch	6 A (per connection terminal block with jumper location)
Max. total current of voltage supply	6 A
Mounting position	Any
Assembly instructions	In rows with zero spacing
Standards/regulations	DIN EN 50178
Standards/regulations	IEC 62103

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## Technical data

### General

Inflammability class according to UL 94	V0
Pollution degree	3
Surge voltage category	III

### Connection data for connection 1

Connection name	Power supply
Number of connections	1
Connection method	Screw connection
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Stripping length	8 mm
Screw thread	M3

## classifications

### eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27250313
eCl@ss 5.1	27250313
eCl@ss 6.0	27242208
eCl@ss 7.0	27242208
eCl@ss 8.0	27242208

### ETIM

ETIM 2.0	EC001423
ETIM 3.0	EC001423
ETIM 4.0	EC000897
ETIM 5.0	EC000897

### UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121402
UNSPSC 11	39121402
UNSPSC 12.01	39121402
UNSPSC 13.2	39121402

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## approvals

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UL Recognized / cUL Recognized / GOST / GL / cULus Recognized /

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### Approval details

UL Recognized 

cUL Recognized 

GOST 

GL

cULus Recognized 

## accessories

### Mounting rail

NS 35/ 7,5 V2A UNPERF 2000MM - 0801377



NS 35/ 7,5 PERF 2000MM - 0801733



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### accessories

NS 35/ 7,5 CU UNPERF 2000MM - 0801762



NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15-2,3 UNPERF 2000MM - 1201798



NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 PERF 2000MM - 1201730



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accessories

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NS 35/ 7,5 UNPERF 2000MM - 0801681



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## Power module

PLC-ESK GY - 2966508



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## Partition plate

PLC-ATP BK - 2966841



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## Screwdriver tools

SZF 1-0,6X3,5 - 1204517



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## Labeled terminal marker

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## accessories

ZB 6,LGS:FORTL.ZAHLEN - 1051016



## Terminal marking

ZB 6:UNBEDRUCKT - 1051003



## Controller board

PLC-V8/FLK14/OUT - 2295554



PLC-V8/FLK14/OUT/M - 2304102



PLC-V8/D15B/OUT - 2296061



## Feed-through terminal block - PLC-VT - 2296870

### accessories

PLC-V8/FLK14/IN - 2296553



PLC-V8/FLK14/IN/M - 2304115



PLC-V8/D15B/IN - 2296087



### Interface module

PLC-V8/D15S/OUT - 2296058



PLC-V8/D15S/IN - 2296074



### Bridge

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### accessories

FBST 500-PLC RD - 2966786



FBST 500-PLC BU - 2966692



FBST 500-PLC GY - 2966838



FBST 6-PLC RD - 2966236



FBST 6-PLC BU - 2966812



FBST 6-PLC GY - 2966825





# Feed-through terminal block - PLC-VT - 2296870

accessories

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FBST 8-PLC GY - 2967688



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## Drawings

Circuit diagram



PLC-VT connection scheme

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