

# FLKM 50-PA/DO326/S7-300 - Front adapter



2321952

<https://www.phoenixcontact.com/us/products/2321952>

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VARIOFACE front adapter, for failsafe 6ES7 326-2BF01-0AB0 module of the SIMATIC® S7-300 (50-pos. FLK connector)

## Commercial data

Item number	2321952
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK231S
GTIN	4046356428408
Weight per piece (including packing)	59 g
Weight per piece (excluding packing)	35 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Product properties

Product type	Front adapter
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### Insulation characteristics

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

### Electrical properties

Operating voltage (AC)	≤ 25 V AC
Operating voltage (DC)	≤ 60 V DC
Current (Per path)	≤ 2 A
Current (Total current)	≤ 8 A (during supply via a separate bridged power supply)
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV

Supported controller: SIEMENS S7-300 / ET 200 M

Suitable I/O card	6ES7326-2BF01-0AB0
	6ES7326-2BF10-0AB0

### Connection data

#### Field level

Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	50
Pitch	2.54 mm

#### Supply

Connection method	Screw connection
Conductor cross-section rigid	0.4 mm <sup>2</sup> ... 1 mm <sup>2</sup>
Conductor cross-section flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section AWG	26 ... 16

### Dimensions

#### Item dimensions

Width	27 mm
Height	115.09 mm
Depth	29.82 mm

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP00
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Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

## Standards and regulations

Standards/regulations	IEC 60664
	DIN EN 50178

## Mounting

Mounting position	any
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## Notes

Notes on operation	The products may only be installed or used by qualified personnel. Compliance with all safety requirements, including all applicable laws, regulations, and standards, must be ensured.
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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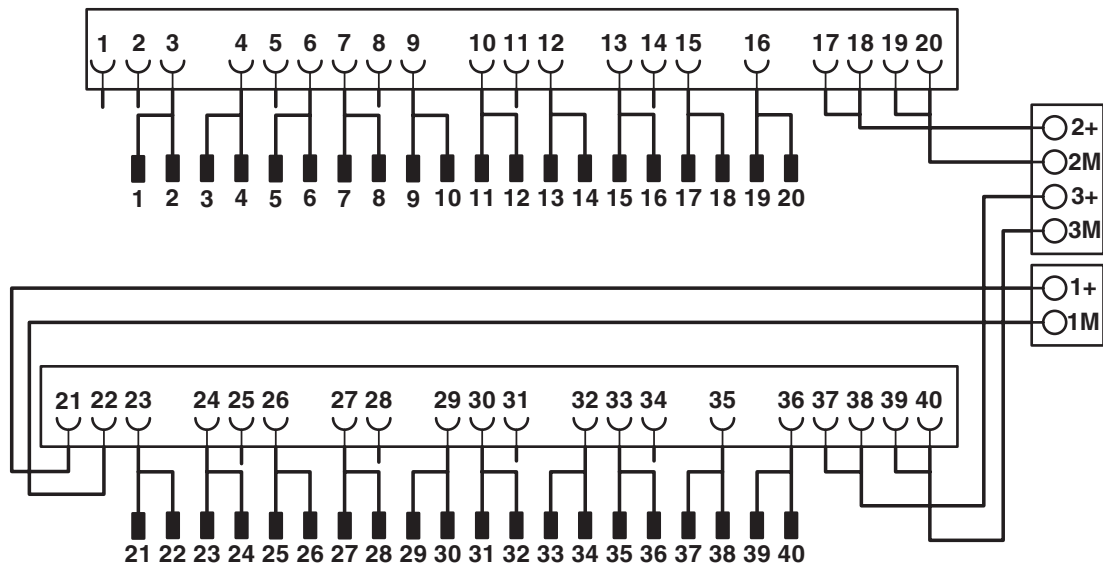


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## Drawings

Circuit diagram



Connection scheme FLKM 50-PA/DO326/S7-300

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## Classifications

### ECLASS

ECLASS-13.0	27242292
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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%
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