

# FLKM S135/S400/SO125 - Front adapter



2301778

<https://www.phoenixcontact.com/us/products/2301778>

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The FLKM S135/S400/SO adapter links a SIMATIC® S5 plug directly with the basic SIMATIC® S7 400 card.

Conversion: S5 card 6ES5 441-4UA12 to S7 card 6ES7-422-1BL00-0AA0

## Commercial data

Item number	2301778
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DK233S
GTIN	4017918962517
Weight per piece (including packing)	345.9 g
Weight per piece (excluding packing)	340 g
Country of origin	DE

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## Technical data

### Product properties

Product type	Front adapter
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### Insulation characteristics

Overvoltage category	II
Pollution degree	2

### Electrical properties

Max. permissible operating voltage	60 V DC
Max. permissible current	4 A (per path) 4 A (per connection, supply via separate power supply)
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (Functional insulation)

Supported controller: SIEMENS S5-135 U

Suitable I/O card	6ES5 441-4UA12
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Supported controller: SIEMENS S7-400

Suitable I/O card	6ES7422-1BL00-0AA0
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### Connection data

#### Field level

Connection method	SIEMENS S5-135 U pin strip
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### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP00
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

### Standards and regulations

Standards/regulations	IEC 60664 DIN EN 50178
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### Mounting

Mounting position	any
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### Notes

Notes on operation	The LEDs of the S7-400 module are hidden.
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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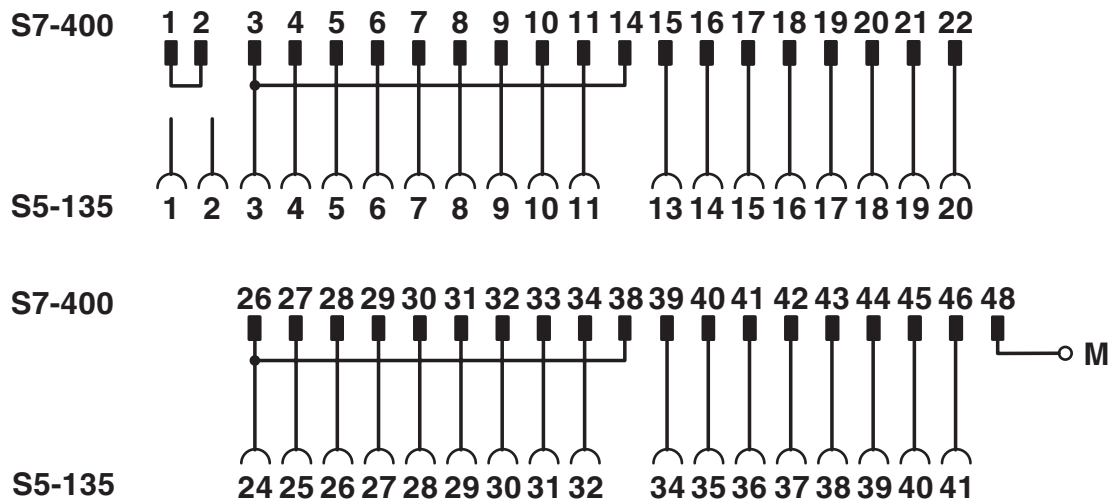


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## Drawings

Circuit diagram



Connection scheme: FLKM S135/S400/SO125

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## Classifications

### ECLASS

ECLASS-13.0

27242292

### UNSPSC

UNSPSC 21.0

32151601

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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-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)