

# FLKM S135/S7/FLK50/PLC - Front adapter



2314736

<https://www.phoenixcontact.com/us/products/2314736>

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Converter for SIMATIC® S5-135 on 50- pos. FLK strip over which an S7 control can be coupled.  
Conversion: 6ES5 420-4UA14 / 6ES5 430-4UA14 on 6ES7 321-1BL00-0AA0 **OR** 6ES5 441-4UA14 / 6ES5 451-4UA14 on 6ES7 322-1BL00-0AA0

## Commercial data

Item number	2314736
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK233S
GTIN	4046356155243
Weight per piece (including packing)	255.3 g
Weight per piece (excluding packing)	254 g
Customs tariff number	85366990
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

Max. permissible operating voltage	60 V DC
Max. permissible current	1 A (per path)
Nominal operating mode	100% operating factor
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV

Supported controller: SIEMENS S5-135 U

Suitable I/O card	6ES5 420-4UA14
	6ES5 430-4UA14
	6ES5 441-4UA14
	6ES5 451-4UA14

### Connection data

#### Field level

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

### Dimensions

#### Item dimensions

Width	26 mm
Height	85 mm
Depth	306 mm

### 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

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Standards/regulations	IEC 60664
	DIN EN 50178

## Mounting

Mounting position	any
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## Notes

Order information:	<p>The components for setting up an adapter carrier as in the application example (data sheet in the download area), which can be used to secure the migration adapter, can be obtained from Heitec AG based in Eckental-Eschenau, Germany. The following order numbers are required for carrier setup:</p> <ul style="list-style-type: none"><li>3685.896 (2 pcs.)</li><li>3684.629 (1 pc.)</li><li>3684.562 (2 pcs.)</li><li>3687.015 (1 unit pack)</li><li>3684.610 (2 pcs.)</li><li>3684.572 (2 pcs.)</li><li>3684.881 (10 pcs.)</li><li>3685.837 (10 pcs.)</li><li>3685.832 (10 pcs.)</li></ul>
Notes on operation	<p>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.</p>

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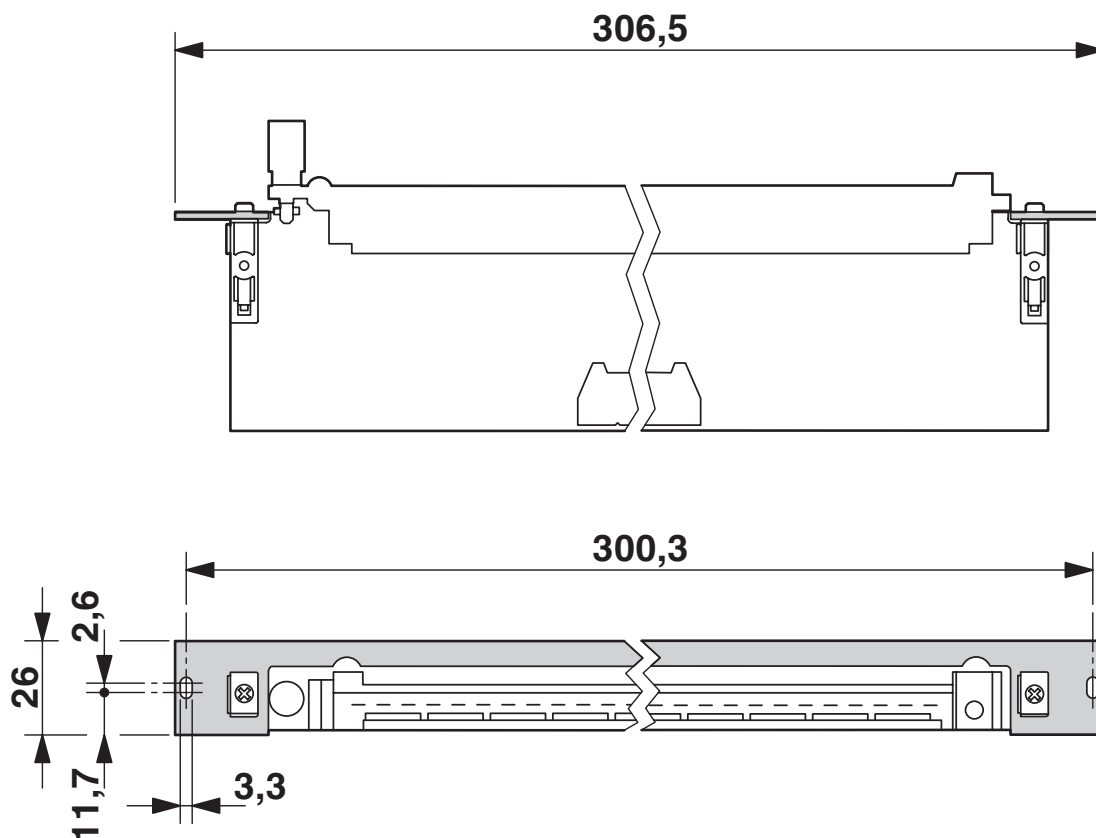


2314736

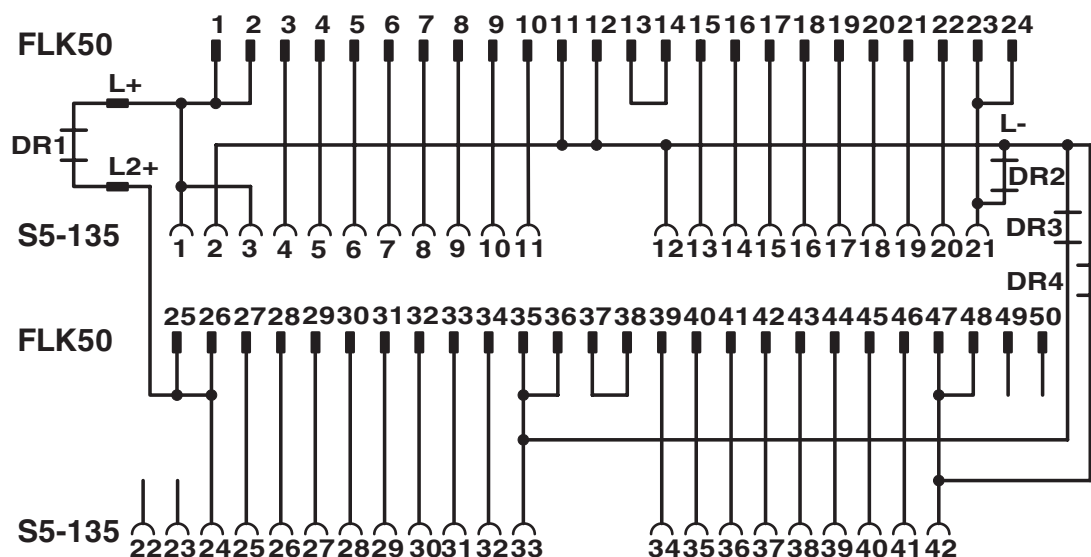
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## Drawings

Dimensional drawing



Circuit diagram



FLKM S135/S7/FLK50/PLC connection scheme

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## Classifications

### ECLASS

ECLASS-13.0	27242292
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### 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-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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)