

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

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 pc                                                                                                    |
| GTIN         | <br>4 046356 155243 |
| GTIN         | 4046356155243                                                                                           |

### Technical data

#### Note

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type of note | Order information:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Note         | <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> |

### Dimensions

|        |        |
|--------|--------|
| Width  | 26 mm  |
| Height | 85 mm  |
| Depth  | 306 mm |

### Ambient conditions

|                                 |                  |
|---------------------------------|------------------|
| Ambient temperature (operation) | -20 °C ... 50 °C |
|---------------------------------|------------------|

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#### Ambient conditions

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

#### General

|                                    |                       |
|------------------------------------|-----------------------|
| Max. permissible operating voltage | 60 V DC               |
| Max. permissible current           | 1 A (per path)        |
| Mounting position                  | any                   |
| Nominal operating mode             | 100% operating factor |

#### Connection data

|                       |                   |
|-----------------------|-------------------|
| Connection name       | Field level       |
| Connection method     | IDC/FLK pin strip |
| Number of connections | 1                 |
| Number of positions   | 50                |
| Pitch                 | 2.54 mm           |

#### Supported controller

|                     |                  |
|---------------------|------------------|
| Controller          | SIEMENS S5-135 U |
| - suitable I/O card | 6ES5 420-4UA14   |
|                     | 6ES5 430-4UA14   |
|                     | 6ES5 441-4UA14   |
|                     | 6ES5 451-4UA14   |

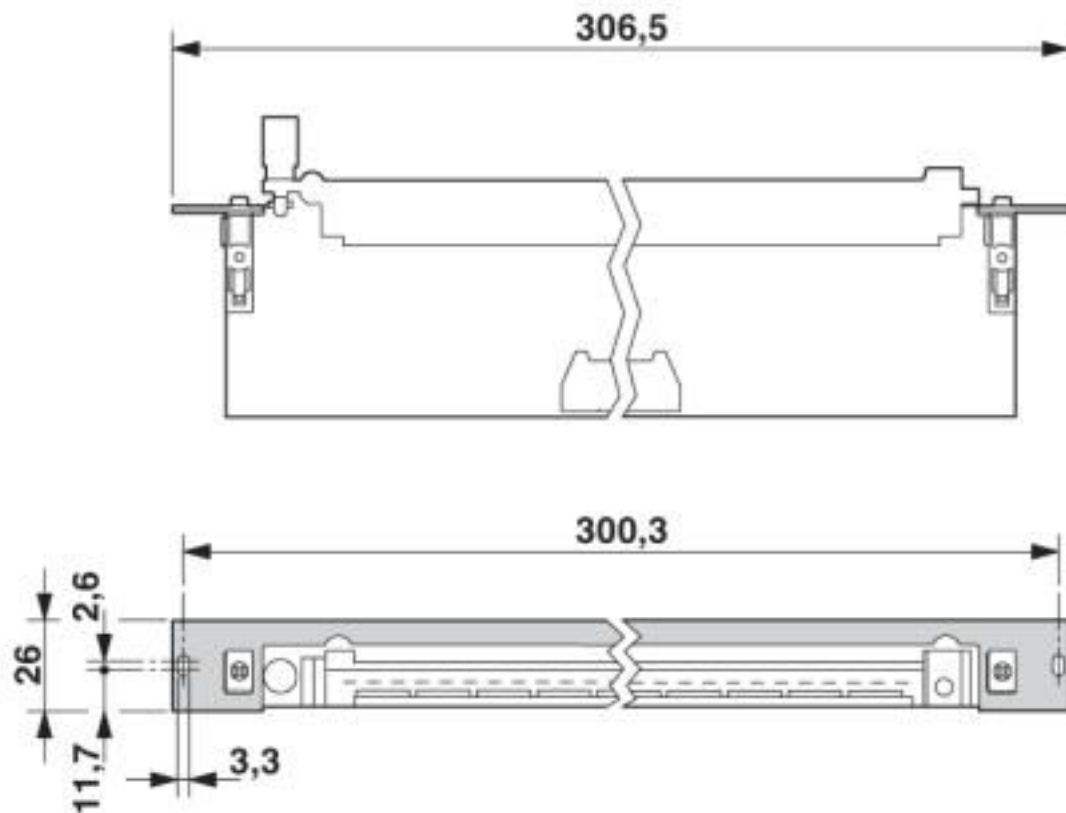
#### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| China RoHS | Environmentally Friendly Use Period = 50 years                                                      |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

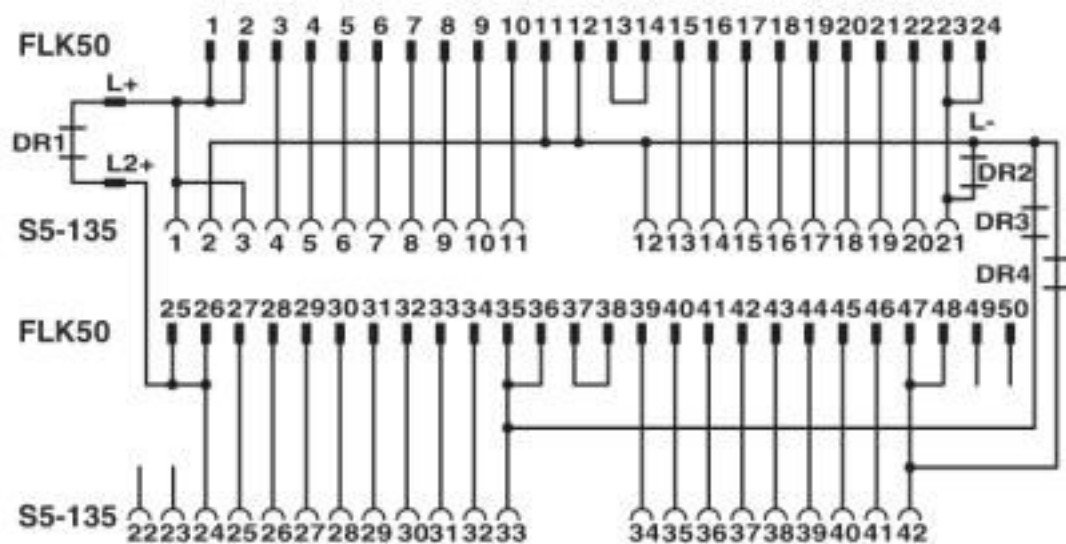
### Drawings

## Front adapters - FLKM S135/S7/FLK50/PLC - 2314736

Dimensional drawing



Circuit diagram



FLKM S135/S7/FLK50/PLC connection scheme

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### Classifications

#### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27242292 |
| eCl@ss 4.0    | 27250300 |
| eCl@ss 4.1    | 27250300 |
| eCl@ss 5.0    | 27250300 |
| eCl@ss 5.1    | 27250300 |
| eCl@ss 6.0    | 27249200 |
| eCl@ss 7.0    | 27249290 |
| eCl@ss 8.0    | 27249290 |
| eCl@ss 9.0    | 27242292 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC002584 |
| ETIM 5.0 | EC002584 |
| ETIM 6.0 | EC002584 |
| ETIM 7.0 | EC002584 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211824 |
| UNSPSC 7.0901 | 39121421 |
| UNSPSC 11     | 39121421 |
| UNSPSC 12.01  | 39121421 |
| UNSPSC 13.2   | 32151601 |
| UNSPSC 18.0   | 32151601 |
| UNSPSC 19.0   | 32151601 |
| UNSPSC 20.0   | 32151601 |
| UNSPSC 21.0   | 32151601 |

### Approvals

#### Approvals

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Approvals

EAC

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Ex Approvals

#### Approval details

## Front adapters - FLKM S135/S7/FLK50/PLC - 2314736

### Approvals

EAC



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