

# FLKM S135/42X0,75/5,0M/OE - Front adapter



2318017

<https://www.phoenixcontact.com/us/products/2318017>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Startup adapter for extending the existing S5-135 field wiring. Establishing all S5-135 connections (1 to 42, 42-pos.) to open cable end.

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2318017                        |
| Packing unit                         | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | C421                           |
| Product key                          | DK233S                         |
| GTIN                                 | 4046356292955                  |
| Weight per piece (including packing) | 2,668 g                        |
| Weight per piece (excluding packing) | 2,668 g                        |
| Customs tariff number                | 85444290                       |
| Country of origin                    | DE                             |

# FLKM S135/42X0,75/5,0M/OE - Front adapter



2318017

<https://www.phoenixcontact.com/us/products/2318017>

## Technical data

### Product properties

|                            |               |
|----------------------------|---------------|
| Product type               | Front adapter |
| Insulation characteristics |               |
| Overvoltage category       | II            |
| Pollution degree           | 2             |

### Electrical properties

|                                       |                                |
|---------------------------------------|--------------------------------|
| Operating voltage (AC/DC)             | ≤ 250 V AC/DC                  |
| Current (Per path)                    | ≤ 6 A                          |
| Rated insulation voltage              | 260 V                          |
| Rated surge voltage                   | 2.3 kV (Functional insulation) |
| Supported controller SIEMENS S5-135 U |                                |
| Suitable I/O card                     | 6ES5 ...                       |

### Connection data

|                       |                            |
|-----------------------|----------------------------|
| Controller level      |                            |
| Connection method     | SIEMENS S5-135 U pin strip |
| Field level           |                            |
| Connection method     | Single wires               |
| Number of connections | 42                         |
| Number of positions   | 1                          |

### Cable/line

|                         |                          |
|-------------------------|--------------------------|
| Number of positions     | 46                       |
| Shielded                | no                       |
| Conductor type          | Round cable set          |
| AWG signal line         | 21                       |
| Conductor cross section | 46x 0.75 mm <sup>2</sup> |
| Outer sheath, material  | Semi-rigid PVC           |
| Conductor material      | Bare Cu litz wires       |
| Halogen-free            | no                       |

### Environmental and real-life conditions

|                                         |                  |
|-----------------------------------------|------------------|
| Ambient conditions                      |                  |
| Degree of protection                    | IP20             |
| Ambient temperature (operation)         | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 80 °C |

### Standards and regulations

# FLKM S135/42X0,75/5,0M/OE - Front adapter



2318017

<https://www.phoenixcontact.com/us/products/2318017>

|                       |              |
|-----------------------|--------------|
| Standards/regulations | IEC 60664    |
|                       | DIN EN 50178 |

## Mounting

|                   |     |
|-------------------|-----|
| Mounting position | any |
|-------------------|-----|

## Notes

|                    |                                                                                                                                                                                                                                                                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# FLKM S135/42X0,75/5,0M/OE - Front adapter

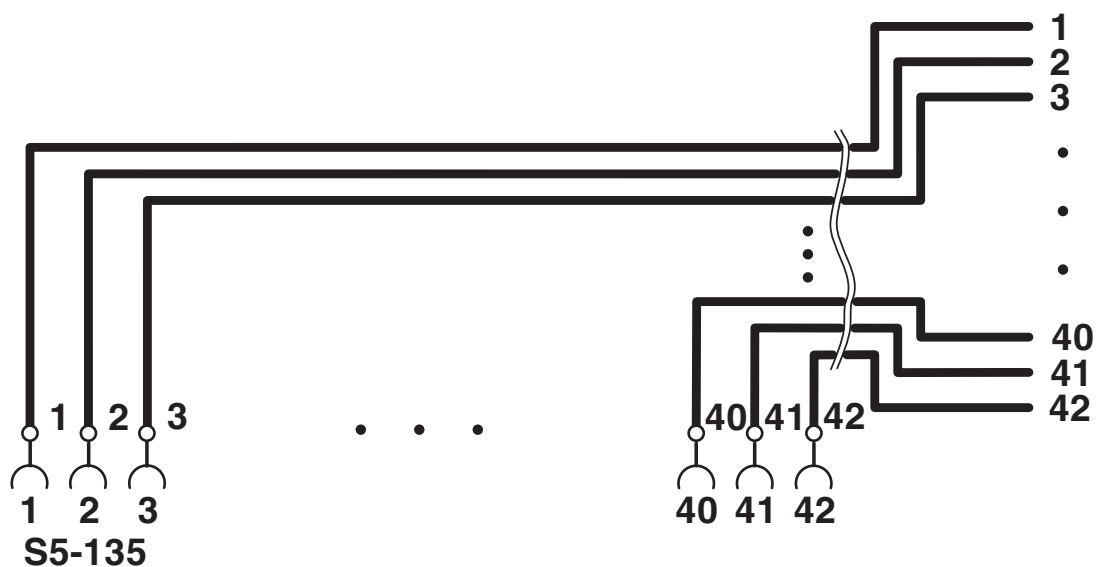


2318017

<https://www.phoenixcontact.com/us/products/2318017>

## Drawings

Circuit diagram



# FLKM S135/42X0,75/5,0M/OE - Front adapter



2318017

<https://www.phoenixcontact.com/us/products/2318017>

## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27242292 |
|-------------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 32151601 |
|-------------|----------|

# FLKM S135/42X0,75/5,0M/OE - Front adapter



2318017  
<https://www.phoenixcontact.com/us/products/2318017>

## Environmental product compliance

|                                         |                                                                                                                                                                                                                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS                                 |                                                                                                                                                                                                                                   |
| Fulfills EU RoHS substance requirements | Yes                                                                                                                                                                                                                               |
| Exemption                               | 6(c)                                                                                                                                                                                                                              |
| 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.)     | Lead(CAS: 7439-92-1)                                                                                                                                                                                                              |

Phoenix Contact 2025 © - all rights reserved  
<https://www.phoenixcontact.com>

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