

FLKM 50-PA-S300/SO167 - Front adapter

2307662

<https://www.phoenixcontact.com/us/products/2307662>

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Front adapter for SIMATIC S7-300



Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2307662 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | C429 |
| Product key | DK2AMS |
| GTIN | 4017918992729 |
| Weight per piece (including packing) | 62.6 g |
| Weight per piece (excluding packing) | 35.2 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|--------------|---------------|
| Product type | Front adapter |
|--------------|---------------|

Insulation characteristics: Air clearances and creepage distances

| | |
|----------------------|-----------------------|
| 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) | ≤ 1 A |
| Current (Total current) | ≤ 2 A |

Air clearances and creepage distances

| | |
|--------------------------|--------------------|
| Rated insulation voltage | 63 V |
| Rated surge voltage | 0.6 kV (1.2/50 μs) |

Supported controller: SIEMENS S7-300 / ET 200 M

| | |
|-------------------|--------------------|
| Suitable I/O card | 6ES7326-1BK02-0AB0 |
| | 6ES7336-1HE00-0AB0 |

Connection data

Field level

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

Environmental and real-life conditions

Ambient conditions

| | |
|--|--------------------------------|
| Degree of protection | IP00 |
| Degree of protection (Installation location) | ≥ IP54 (Installation location) |
| Ambient temperature (operation) | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |
| Altitude | < 2000 m |

Standards and regulations

Air clearances and creepage distances

| | |
|-----------------------|-----------------------|
| Standards/regulations | DIN EN 50178: 1998-04 |
|-----------------------|-----------------------|

Mounting

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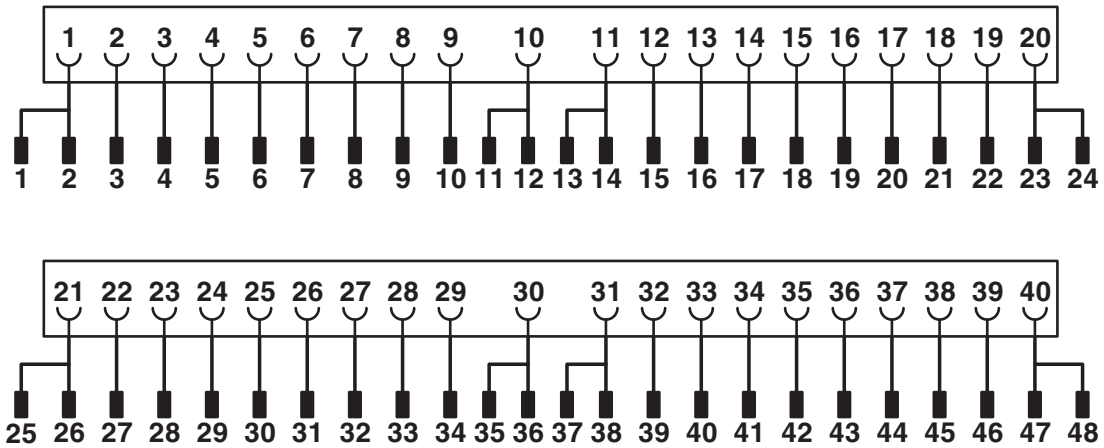
| | |
|-------------------|-----|
| Mounting position | any |
|-------------------|-----|

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. |

Drawings

Circuit diagram



Connection scheme FLKM 50-PA-S300/SO167

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Classifications

ECLASS

ECLASS-13.0

27242292

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