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Eight MINI analog signal converters with screw connection method can be connected to a control system using a system adapter and system cabling with a minimum of wiring and very low error risk.

Your advantages

- For up to eight channels
- Plug-and-play
- Can be easily snapped onto MINI Analog modules with screw connection technology
- Time-saving wiring solution thanks to unique plug-in concept
- Reduced wiring effort and errors
- System cabling on PLC side

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2811268 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | C403 |
| Product key | CK12ZZ |
| Catalog page | Page 124 (C-4-2019) |
| GTIN | 4046356152044 |
| Weight per piece (including packing) | 101.6 g |
| Weight per piece (excluding packing) | 71.5 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

MINI MCR-SL-V8-FLK 16-A - System adapter



2811268

<https://www.phoenixcontact.com/us/products/2811268>

Technical data

Product properties

| | |
|---------------------|-------------------------|
| Product type | Interface module |
| Number of positions | 16 |
| No. of channels | 8 |
| Labeling option | Zack marker strip SS-ZB |

Insulation characteristics

| | |
|----------------------|----|
| Overvoltage category | II |
| Pollution degree | 2 |

Electrical properties

| | |
|---------------------------|---------------------|
| Current carrying capacity | ≤ 1 A (per channel) |
| Contact resistance | < 10 mΩ |
| Rated insulation voltage | 30 V AC |
| | 50 V DC |

Connection data

Controller level

| | |
|----------------------------------|-------------------|
| Connection in acc. with standard | IEC 60603-13 |
| Connection method | IDC/FLK pin strip |
| Number of connections | 1 |
| Number of positions | 16 |
| Insertion/withdrawal cycles | ≥ 200 |
| Pitch | 2.54 mm |
| Connection method | Spring contact |
| Number of positions | 16 |
| Insertion/withdrawal cycles | 10 |

Signaling

| | |
|------------------------|----|
| Status display | No |
| Status display present | No |

Dimensions

Item dimensions

| | |
|--------|---------|
| Width | 50.4 mm |
| Height | 46.2 mm |
| Depth | 45.5 mm |

Material specifications

| | |
|--|------------------|
| Color | green (RAL 6021) |
| Flammability rating according to UL 94 | V0 |

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| | |
|-----------------------------|-----|
| Housing insulation material | PBT |
|-----------------------------|-----|

Environmental and real-life conditions

Ambient conditions

| | |
|---|-------------------------------|
| Ambient temperature (operation) | -20 °C ... 60 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |
| Altitude | ≤ 2000 m |
| Permissible humidity (operation) | 5 % ... 95 % (non-condensing) |

Approvals

CE

| | |
|-------------|--------------|
| Certificate | CE-compliant |
|-------------|--------------|

ATEX

| | |
|----------------|--------------------------|
| Identification | II 3 G Ex nA IIC T4 Gc X |
|----------------|--------------------------|

UL, USA/Canada

| | |
|----------------|---------------------------------------|
| Identification | UL 508 Recognized |
| | Class I, Div. 2, Groups A, B, C, D T4 |

Shipbuilding approval

| | |
|----------------|------------|
| Identification | GL EMC 2 D |
|----------------|------------|

EMC data

| | |
|-------------------------------|--|
| Noise immunity | EN 61000-6-2 |
| Note | When being exposed to interference, there may be minimal deviations. |
| Electromagnetic compatibility | Conformance with EMC directive |
| Noise emission | EN 61000-6-4 |

Standards and regulations

| | |
|-----------------------|--------------|
| Vibration resistance | ≤ 0,7g |
| Standards/regulations | IEC 60664 |
| | IEC 60664A |
| | DIN VDE 0110 |

Mounting

| | |
|-----------------------|---------------------------|
| Mounting type | DIN rail mounting |
| Assembly instructions | in rows with zero spacing |
| Mounting position | any |

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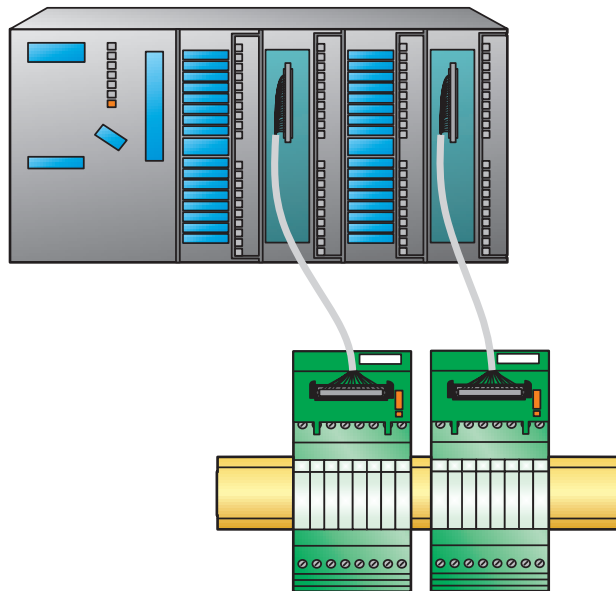
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Drawings

Application drawing



MINI Analog system cabling

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27141152 |
|-------------|----------|

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Environmental product compliance

| | |
|------------|--|
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |

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