

# CABLE-25/8/250/RSM/SIMO611D - Adapter cable



2981583

<https://www.phoenixcontact.com/us/products/2981583>

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Cable adapter for PSR over-speed safety relays (PSR-RSM4 and PSR-MM30), 25/8-pos., cable length: 2.5 m, for controller: Siemens, Heidenhain



## Your advantages

- Option to connect to safe PSR-RSM4 and PSR-MM30 over-speed safety relays
- Suitable for connection to the existing motor feedback interface of an electrical drive
- Controller type:SIEMENS,HEIDENHAIN
- D-SUB connection, 25-pos.
- Length of connecting cable to over-speed safety relay: 2.5 m

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2981583       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | NULL          |
| Product key                          | DNA251        |
| GTIN                                 | 4017918996871 |
| Weight per piece (including packing) | 170.3 g       |
| Weight per piece (excluding packing) | 136.02 g      |
| Customs tariff number                | 85444290      |
| Country of origin                    | DE            |

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## Technical data

### Notes

#### Note on application

|                     |                         |
|---------------------|-------------------------|
| Note on application | Only for industrial use |
|---------------------|-------------------------|

### Product properties

|              |               |
|--------------|---------------|
| Product type | Adapter cable |
|--------------|---------------|

### Connection data

#### To the device

|                   |      |
|-------------------|------|
| Connection method | RJ45 |
|-------------------|------|

#### Encoder / PLC

|                     |                               |
|---------------------|-------------------------------|
| Connection method   | D-SUB-25 male/D-SUB-25 female |
| Number of positions | 25                            |

### Material specifications

|                        |                    |
|------------------------|--------------------|
| Outer sheath, material | LSHF (FRNC)        |
| Conductor material     | Bare Cu litz wires |

### Cable/line

|                        |                                                            |
|------------------------|------------------------------------------------------------|
| Cable length           | 2.5 m                                                      |
| Outer sheath, material | LSHF (FRNC)                                                |
| Cable cross section    | 0.48 mm <sup>2</sup> (AWG 26)                              |
| Conductor material     | Bare Cu litz wires                                         |
| Shielding              | Plastic-coated aluminum foil, tinned copper braided shield |
|                        | Soldering on D-SUB housing                                 |
| Cable resistance       | ≤ 260 Ω/km                                                 |

### Environmental and real-life conditions

#### Ambient conditions

|                                         |                                            |
|-----------------------------------------|--------------------------------------------|
| Ambient temperature (operation)         | -20 °C ... 60 °C (for fixed installation)  |
|                                         | 0 °C ... 50 °C (for flexible installation) |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C                           |

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## Approvals

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**EAC**

Approval ID: RU\*-DE.HB\*35.B00385



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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27371390 |
| ECLASS-15.0 | 27371390 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC004667 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 26121600 |
|-------------|----------|

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## Environmental product compliance

|                                         |                                          |
|-----------------------------------------|------------------------------------------|
| EU RoHS                                 |                                          |
| Fulfills EU RoHS substance requirements | Yes, No exemptions                       |
| 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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