

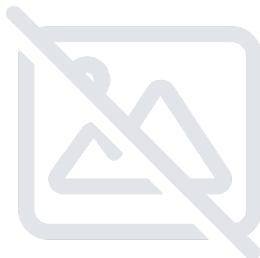
UM-D25SUB/F/AIO - Input/output module

2908550

<https://www.phoenixcontact.com/us/products/2908550>



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Analog VARIOFACE input/output module with COMBICON screw connection and a 25-pos. D-SUB socket strip for ABB S 800 I/O modules.

Commercial data

| | |
|------------------------|---------------|
| Item number | 2908550 |
| Packing unit | 1 pc |
| Minimum order quantity | 10 pc |
| Product key | DK2AZZ |
| GTIN | 4055626307299 |
| Country of origin | DE |

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Technical data

Product properties

| Product type | Interface module |
|---|-----------------------|
| Insulation characteristics: Air clearances and creepage distances | |
| Insulation | Functional insulation |
| Overvoltage category | II |
| Pollution degree | 2 |

Electrical properties

| | |
|---|-------------------------|
| Nominal voltage U_N | 24 V AC/DC |
| Max. current carrying capacity per branch | 1 A |
| Max. total current of all branches | 2.5 A |
| Air clearances and creepage distances | |
| Rated insulation voltage | 50 V |
| Rated surge voltage | 0.5 kV (1.2/50 μ s) |

Connection data

Field level

| | |
|----------------------------------|---|
| Connection in acc. with standard | IEC / EN |
| Connection method | Screw connection |
| Number of positions | 42 |
| Conductor cross-section rigid | 0.2 mm ² ... 4 mm ² |
| Conductor cross-section flexible | 0.2 mm ² ... 2.5 mm ² |
| Conductor cross-section AWG | 24 ... 12 |

Controller level

| | |
|-----------------------|--------------------|
| Connection method | D-SUB socket strip |
| Number of connections | 1 |
| Number of positions | 25 |

Signaling

| | |
|------------------------|----|
| Status display | no |
| Status display present | no |

Dimensions

Item dimensions

| | |
|--------|-------|
| Width | 80 mm |
| Height | 90 mm |
| Depth | 65 mm |

Material specifications

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| | |
|-----------------------------|------------------|
| Color | green (RAL 6021) |
| Housing insulation material | PVC |

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 |
| Altitude | max. 2000 m |

Standards and regulations

Air clearances and creepage distances

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

Mounting

| | |
|-------------------|-------------------|
| Mounting type | DIN rail 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. |
|--------------------|--|

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Environmental product compliance

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.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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