

# 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
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#### 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 $\mu$ 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 <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
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
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## 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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