

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



2907014

<https://www.phoenixcontact.com/us/products/2907014>

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

Commercial data

Item number	2907014
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DK2A82
GTIN	4055626156095
Weight per piece (including packing)	222 g
Weight per piece (excluding packing)	222 g
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	25 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 pin 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	≤ 2000 m

Standards and regulations

Air clearances and creepage distances

Standards/regulations	DIN EN 50178: 1998-04
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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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Classifications

UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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