

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



2908550

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

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

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



2908550

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

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.
--------------------	--

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



2908550

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

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%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

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