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16-channel digital output module with spring-cage connection and 25-pos. D-SUB miniature socket strip and 25-pos. D-SUB miniature pin strip, plug-in relay base for fitting 60 V DC or 24 V DC optocouplers, module width: 365 mm

Commercial data

Item number	2905752
Packing unit	1 pc
Minimum order quantity	30 pc
Product key	DK2A92
GTIN	4046356995511
Weight per piece (including packing)	1,257 g
Weight per piece (excluding packing)	1,257 g
Country of origin	DE

2905752

<https://www.phoenixcontact.com/us/products/2905752>

Technical data

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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Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
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Product properties

Product type	Relay Module
Insulation characteristics: Air clearances and creepage distances, input/output	
Insulation	Reinforced insulation
Oversupply category	III
Pollution degree	2

Insulation characteristics: Air and creepage distances, output/output

Insulation	Basic insulation
Oversupply category	III
Pollution degree	2

Electrical properties

Air clearances and creepage distances, input/output	
Rated insulation voltage	300 V
Rated surge voltage	6 kV (1.2/50 µs)
Air and creepage distances, output/output	
Rated insulation voltage	300 V
Rated surge voltage	4 kV (1.2/50 µs)

Input data

Nominal input voltage U_N	24 V
Input voltage range in reference to U_N	0.9 ... 1.1
Typical input current at U_N	1 A (per channel)
Protective circuit	Freewheeling, LED; Freewheeling diode, LED

Output data

Switching	
Contact switching type	Single contact, 1 changeover contact
Contact material	AgNi
Maximum switching voltage	250 V AC/DC

Limiting continuous current	2 A (per channel)
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Connection data

Controller level

Connection in acc. with standard	DIN 41652/IEC 60807-2
Connection method	D-SUB-25 male/D-SUB-25 female
Number of positions	25

Field level

Connection method	Spring-cage connection
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

Dimensions

Width	365 mm
Height	143 mm
Depth	68 mm

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, input/output

Standards/regulations	DIN EN 50178: 1998-04
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Air and creepage distances, output/output

Standards/regulations	DIN EN 50178: 1998-04
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Mounting

Mounting type	DIN rail mounting
Assembly note	in rows with zero spacing
Mounting position	any

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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