

UM-IC14/8DO/F/LA/S7 - Passive module

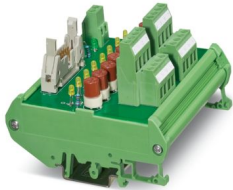


2902896

<https://www.phoenixcontact.com/us/products/2902896>

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8-channel DO passive module with signal indicator light and fuse protection



Commercial data

Item number	2902896
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DK2CZZ
GTIN	4055626164328
Weight per piece (including packing)	125.2 g
Weight per piece (excluding packing)	125.2 g
Country of origin	US

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Technical data

Product properties

Product type	Interface module
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Insulation characteristics

Overvoltage category	III, basic insulation (as per EN 50178)
Pollution degree	2

Electrical properties

Operating voltage (DC)	24 V DC
Operating voltage U_{max} (DC)	≤ 30 V DC
Current (per branch)	≤ 0.8 A
	≤ 1 A (pluggable fuse protection)

Supported controller: SIEMENS S7-300 / ET 200 M

Suitable I/O card	6ES7322-1BL00-0AA0
	6ES7322-1BH00-0AA0
	6ES7322-1BH01-0AA0
	6ES7322-1BH10-0AA0

Connection data

Field level

Connection method	Screw 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

Controller level

Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	14

Dimensions

Item dimensions

Width	90 mm
Height	70 mm
Depth	90 mm

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
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Standards and regulations

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Standards/regulations	IEC 60664
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Mounting

Mounting position	any
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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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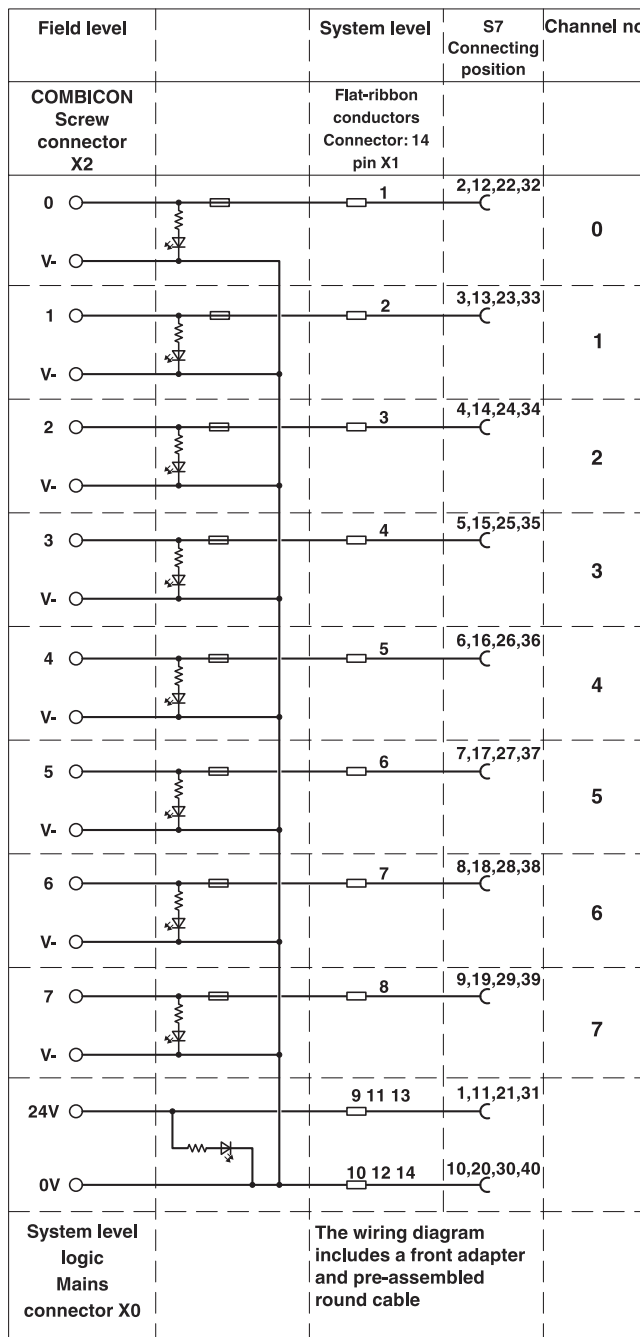


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Drawings

Circuit diagram



Block diagram

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Classifications

ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-25
	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.)	Hexahydromethylphthalic anhydride(CAS: n/a)
	Lead(CAS: 7439-92-1)

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