PHOENIX CONTACT

Extract from the online catalog

RAD-IN+OUT-2D-1A-I

Order No.: 2867322



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Analog /digital module for 2 digital inputs/outputs and 1 analog input/ output

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Commercial data	
GTIN (EAN)	4 017918 960636
sales group	H174
Pack	1 pcs.
Customs tariff	85177090
Catalog page information	Page 611 (IF-2009)

Product notes

WEEE/RoHS-compliant since: 04/22/2008

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Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Analog input

Description of the input	Current input
Current input signal	4 mA ... 20 mA
Input resistance current input	< 170 Ω

Analog output	
Output name	Current output
Load/output load current output	700 Ω (at U_B = 24 V, R_B = [U_B-10 V] / 20 mA)
Digital input	
Input voltage range	5 V AC/DC ... 30 V AC/DC
Switching threshold "0" signal, voltage	max. 1.5 V DC
Switching threshold "1" signal voltage	min. 5 V DC
Digital output	
Output name	Relay output
Number of outputs	2
Maximum switching voltage	30 V AC/DC (EC Declaration of Conformity)
	30 V DC (With UL approval)
	250 V AC (With UL approval)
Limiting continuous current	0.5 A (EC Declaration of Conformity)
General data	
Width	22.5 mm
Height	99 mm
Depth	114.5 mm
Ambient temperature (operation)	-20 °C ... 65 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Degree of protection	IP20
Mounting position	Any
Assembly instructions	on TS 35 profile rail acc. to EN 60715
Housing material	Polyamide PA non-reinforced
Conformance	CE-compliant
ATEX	Ex II 3 G EEx nL IIC
IECEx	Ex nL IIC T5
UL, USA / Canada	Class I, Div. 2, Groups A, B, C, D
Connection data	
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²

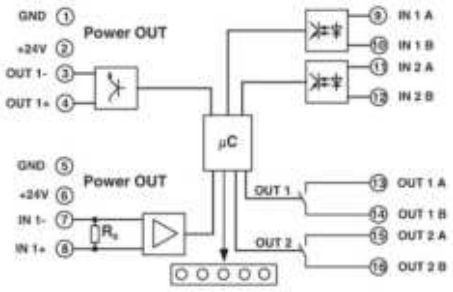
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Type of connection	Screw connection
Stripping length	8 mm
Screw thread	M3

Certificates / Approvals

Certification Ex:	CUL-EX LIS, IECEx, UL-EX LIS

Diagrams/Drawings

Block diagram



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