

# RAD-OUT-8D-REL - Extension module



2867157

<https://www.phoenixcontact.com/us/products/2867157>

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Digital extension module with 8 digital outputs



## Commercial data

Item number	2867157
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DN26
Product key	DNC654
GTIN	4017918929657
Weight per piece (including packing)	201.8 g
Weight per piece (excluding packing)	195.4 g
Customs tariff number	85371098
Country of origin	CA

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## Technical data

### Product properties

Product type	Extension module
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### Electrical properties

Maximum power dissipation for nominal condition	1.8 W
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#### Brake to be connected

Connection method	Screw connection
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#### Supply

Supply voltage range	9 V DC ... 30 V DC (via bus foot)
Typical current consumption	100 mA
Max. current consumption	160 mA

### Input data

Input frequency	max. 1 Hz
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### Output data

#### Digital

Output name	Relay output
Number of outputs	8
Maximum switching voltage	30 V AC/DC (EC Declaration of Conformity)
	30 V DC (in acc. with UL)
	250 V AC (in acc. with UL)
Limiting continuous current	0.5 A (EC Declaration of Conformity)
	2 A (in acc. with UL)

#### Analog

Load/output load current output	at $U_B = 24 \text{ V}$ , $R_B = [U_B - 10 \text{ V}] / 20 \text{ mA}$
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### Connection data

Connection method	Screw connection
Stripping length	8 mm
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Cross section AWG	24 ... 14
Screw thread	M3

### Dimensions

Width	22.5 mm
Height	99 mm
Depth	114.5 mm

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## Material specifications

Color (Housing)	green (RAL 6021)
Material (Housing)	Polyamide

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 65 °C -4 °F ... 149 °F
Ambient temperature (storage/transport)	-40 °C ... 85 °C

## Approvals

### CE

Certificate	CE-compliant
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### UL, USA/Canada

Identification	Class I, Div. 2, Groups A, B, C, D
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## Mounting

Assembly note	on standard DIN rail NS 35 in accordance with EN 60715
Mounting position	any

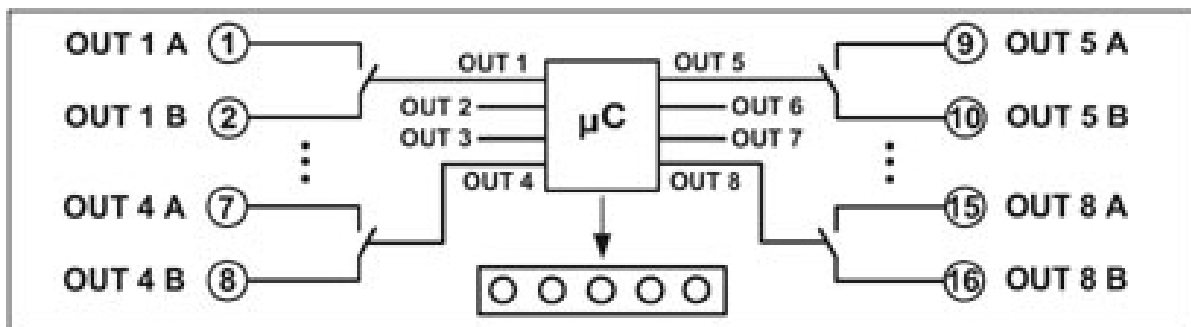
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## Drawings

Block diagram



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## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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