

RAD-IN-8D - Extension module



2867144

<https://www.phoenixcontact.com/pc/products/2867144>

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.

Digital extension module with 8 digital inputs



Commercial data

Item number	2867144
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DNC654
Catalog page	Page 470 (C-6-2017)
GTIN	4017918929640
Weight per piece (including packing)	163.4 g
Weight per piece (excluding packing)	163.4 g
Customs tariff number	85177900
Country of origin	CA

RAD-IN-8D - Extension module



2867144

<https://www.phoenixcontact.com/pc/products/2867144>

Technical data

Product properties

Product type	Extension module
--------------	------------------

Electrical properties

Maximum power dissipation for nominal condition	0.72 W
---	--------

Brake to be connected

Connection method	Screw connection
-------------------	------------------

Supply

Supply voltage range	9 V DC ... 30 V DC (via bus foot)
Typical current consumption	25 mA
Max. current consumption	30 mA

Input data

Digital

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

Description of the input	Voltage input
Number of inputs	8
Voltage input signal	5 V AC/DC ... 30 V AC/DC
Input frequency	max. 1 Hz

Output data

Analog

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

Connection data

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

Dimensions

Width	22.5 mm
Height	99 mm
Depth	114.5 mm

RAD-IN-8D - Extension module



2867144

<https://www.phoenixcontact.com/pc/products/2867144>

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
-------------	--------------

UL, USA/Canada

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

Mounting

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

Phoenix Contact 2024 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG

Flachsmarktstraße 8

D-32825 Blomberg

+49 (0) 5235-3 00

info@phoenixcontact.com