

# RAD-IN-2D-CNT

Order No.: 2885223



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2885223>

Digital expansion module with 2 digital inputs for measuring pulses and frequencies



## Commercial data

|                          |                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------|
| GTIN (EAN)               | <br>4 046356 049863 |
| 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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## Technical data

### 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                   |
| UL, USA / Canada                        | Class I, Div. 2, Groups A, B, C, D     |

#### Connection data

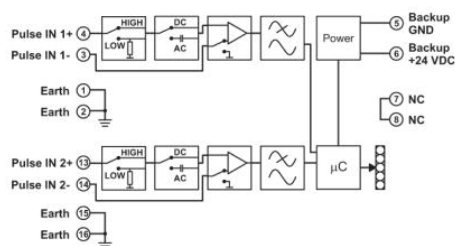
|                                        |                     |
|----------------------------------------|---------------------|
| Conductor cross section solid min.     | 0.2 mm <sup>2</sup> |
| Conductor cross section solid max.     | 4 mm <sup>2</sup>   |
| Conductor cross section stranded min.  | 0.2 mm <sup>2</sup> |
| Conductor cross section stranded max.  | 2.5 mm <sup>2</sup> |
| 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, UL-EX LIS

#### Diagrams/Drawings

##### Block diagram



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