

# Extension module - RAD-IN-8D - 2867144


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Digital extension module with 8 digital inputs



## Key commercial data

Packing unit	1
Minimum order quantity	36
Catalog page	Page 640 (IF-2011)
GTIN	 4 017918 929640
Custom tariff number	85177090
Country of origin	CANADA

## Technical data

### 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

### Supply

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

### 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

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### Technical data

#### General data

Mounting position	Any
Assembly instructions	on standard DIN rail NS 35 in accordance with EN 60715
Housing material	Polyamide PA non-reinforced
Conformance	CE-compliant
ATEX	# II 3 G EEx nL IIC
IECEX	Ex 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
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3

### Classifications

#### ETIM

ETIM 2.0	EC000310
ETIM 3.0	EC000310
ETIM 4.0	EC000310
ETIM 5.0	EC000310

#### UNSPSC

UNSPSC 11	39121008
UNSPSC 12.01	43223108
UNSPSC 13.2	43223108
UNSPSC 6.01	30211506
UNSPSC 7.0901	43223108

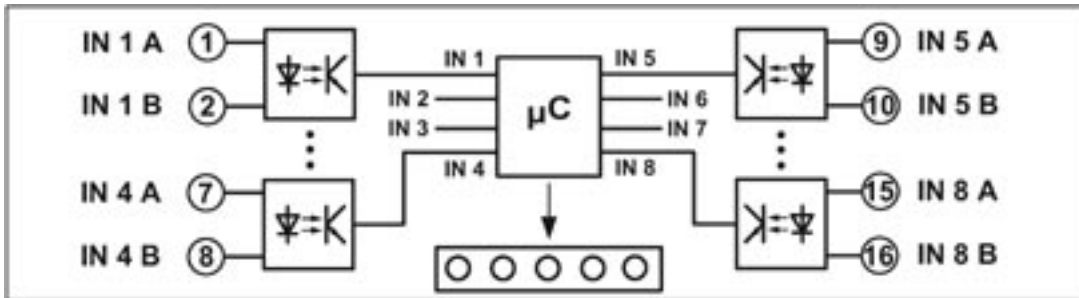
#### eCl@ss

eCl@ss 4.0	27250312
eCl@ss 4.1	27250312
eCl@ss 5.0	27242208
eCl@ss 5.1	27242208
eCl@ss 6.0	27242208
eCl@ss 7.0	27242208

### Drawings

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Block diagram



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