



- Up to 4 read heads can be connected
- DIN rail mounting
- DeviceNet interface

## WCS-DG210



## Technical data

### General specifications

Installation DIN rail mounting

### Functional safety related parameters

MTTF<sub>d</sub> 240 a

Mission Time (T<sub>M</sub>) 20 a

Diagnostic Coverage (DC) 0 %

### Electrical specifications

Operating voltage U<sub>B</sub> 24 V DC ± 20 %

Power consumption P<sub>0</sub> ≤ 3.6 W (without read heads)

### Interface 1

Connection of control system

Interface type DeviceNet

Transfer rate max. 500 kBit/s

Data output format binary code

Bus termination resistor switchable

### Interface 2

Connection of Reading head

Connectable read heads WCS-LS221 , WCS-LS121

Interface type RS 485

Transmission method half duplex

Transfer rate 62.5 kBit/s

RS485 termination resistor switchable

Refresh cycle of read head 1 ms

### Standard conformity

Emitted interference EN 55011

Noise immunity DIN EN 50082-2

### Ambient conditions

Operating temperature 0 ... 45 °C (32 ... 113 °F) , no moisture condensation

Storage temperature -40 ... 70 °C (-40 ... 158 °F)

Relative humidity ≤ 80 %

### Mechanical specifications

Connection type Interface 1: terminal connection ≤ 2.5 mm<sup>2</sup> , 5-pin  
Interface 2: terminal connection ≤ 2.5 mm<sup>2</sup> , 5-pin

Housing width 90 mm

Housing height 127 mm

Housing depth 55 mm

Protection degree IP24

Material plastic

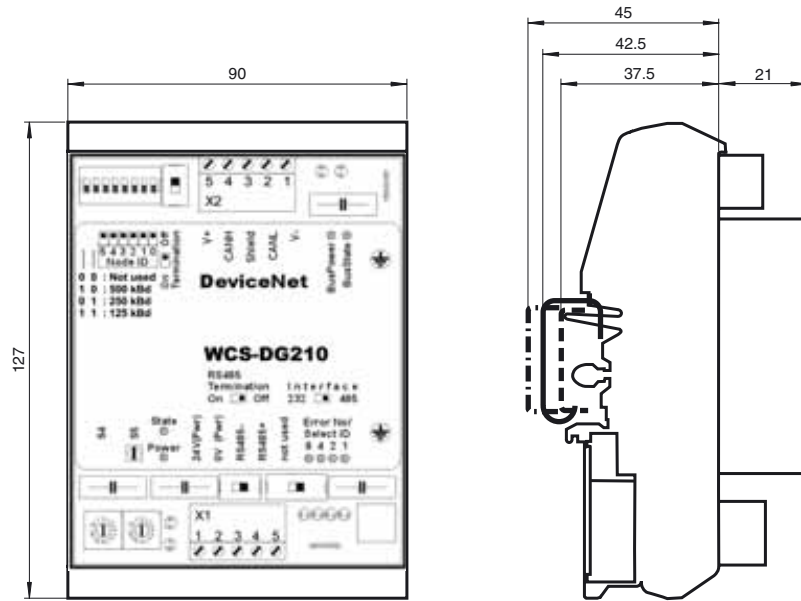
Installation position any position

Mass approx. 200 g

### Approvals and certificates

CCC approval Products with a maximum operating voltage of ≤36 V do not bear a CCC marking because they do not require approval.

Dimensions



Electrical connection

