



**Model number**

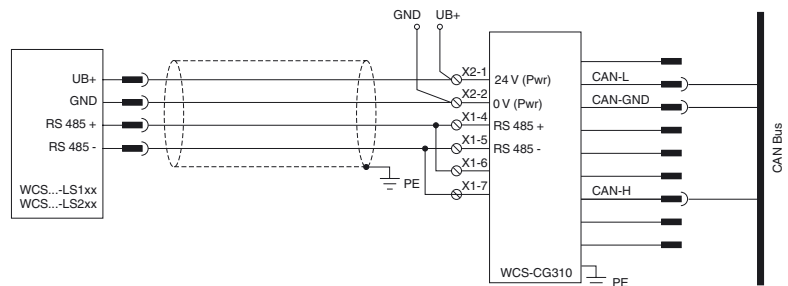
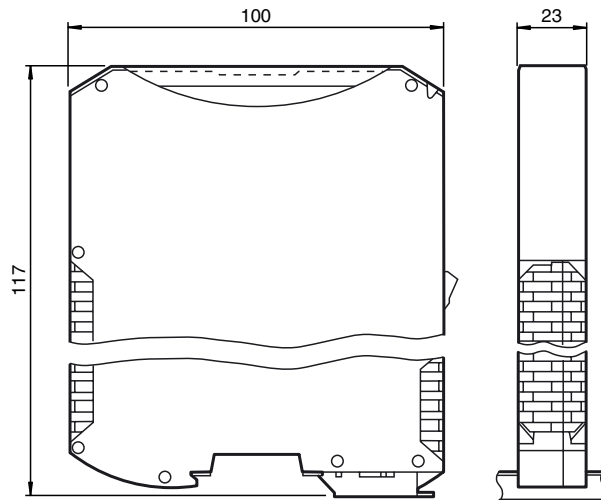
**WCS-CG310**

WCS CANopen interface module

**Features**

- Up to 4 read heads can be connected
- DIN rail mounting
- Integrated switch
- CANopen interface

**Dimensions**



**Technical data**

**General specifications**

Installation	DIN rail mounting
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**Functional safety related parameters**

MTTF <sub>d</sub>	180 a
Mission Time (T <sub>M</sub> )	20 a
Diagnostic Coverage (DC)	0 %

**Electrical specifications**

Operating voltage	U <sub>B</sub>	10 ... 30 V DC
Power consumption	P <sub>0</sub>	≤ 3.6 W (without read heads)

**Interface 1**

Connection of	control system
Interface type	CANopen
Transfer rate	max. 1 MBit/s
Data output format	binary code
Bus termination resistor	switchable

**Interface 2**

Connection of	Read 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, cl. A: 2007
Noise immunity	EN 61000-6-2:2005

**Ambient conditions**

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Operating temperature	0 ... 55 °C (32 ... 131 °F) , no moisture condensation
Storage temperature	-40 ... 70 °C (-40 ... 158 °F)
Relative humidity	≤ 80 %

**Mechanical specifications**

Connection type	Interface 1: 9-pin Sub-D connector Interface 2: terminal connection ≤ 2.5 mm <sup>2</sup> , 7-pin
Housing width	23 mm
Housing height	111 mm
Degree of protection	IP20
Material	plastic
Installation position	any position
Mass	approx. 200 g