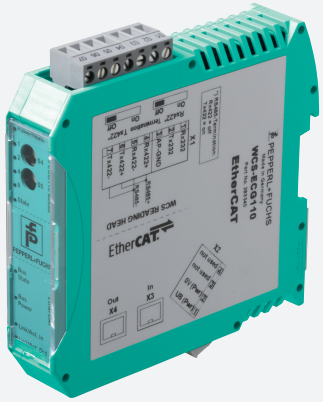
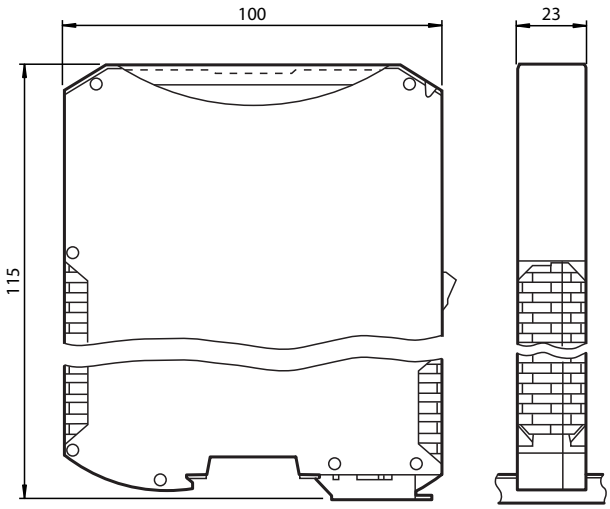


WCS interface module
WCS-ECG110

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

WCS interface module with EtherCAT interface

Dimensions



Technical Data

General specifications		
Installation		DIN rail mounting
Functional safety related parameters		
$MTTF_d$		180 a
Mission Time (T_M)		10 a
Diagnostic Coverage (DC)		0 %
Electrical specifications		
Operating voltage	U_B	10 ... 30 V DC
Power consumption	P_0	≤ 3.6 W (without read heads)
Interface 1		

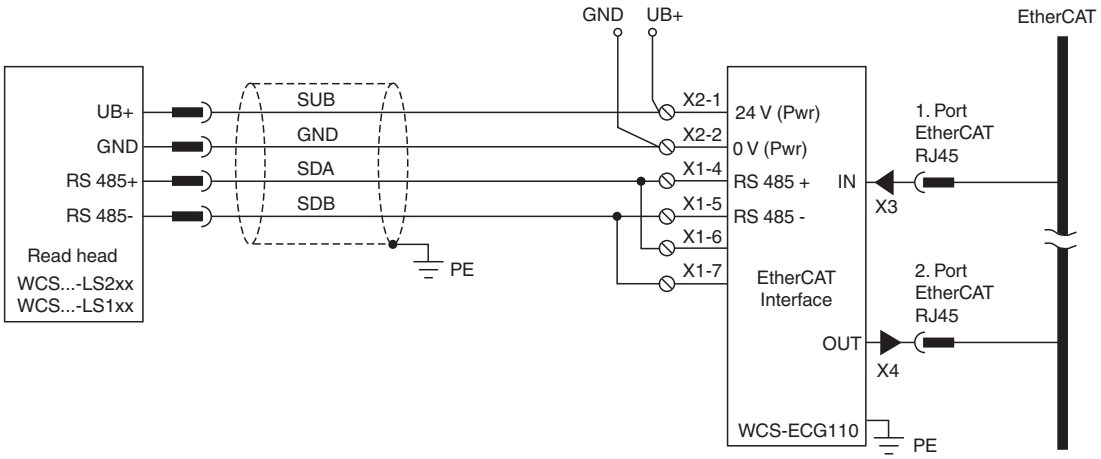
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Technical Data

Connection of	control system
Interface type	Ethernet; 100 BASE-TX
Protocol	EtherCAT
Transfer rate	100 MBit/s
Data output format	binary code
Interface 2	
Connection of	control system
Interface type	Ethernet; 100 BASE-TX
Protocol	EtherCAT
Transfer rate	100 MBit/s
Data output format	binary code
Interface 3	
Connection of	Read head
Connectable read heads	WCS...-LS121 , WCS...-LS221
Interface type	RS-485
Protocol	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
Approvals and certificates	
EAC conformity	TR CU 020/2011
CCC approval	CCC approval / marking not required for products rated ≤36 V
Ambient conditions	
Operating temperature	-25 ... 85 °C (-13 ... 185 °F) , no moisture condensation
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)
Relative humidity	≤ 80 %
Mechanical specifications	
Connection type	Interface 1 & 2: RJ-45 socket, 8-pin Interface 3: terminal connection ≤ 2.5 mm^2 Interface 4: Terminal connection, 2-pin
Housing width	23 mm
Housing height	100 mm (without plug-in screw connector) 111 mm (incl. plug-in screw connector)
Housing depth	115 mm
Degree of protection	IP20
Material	plastic
Installation position	any position
Mass	approx. 130 g

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Connection



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