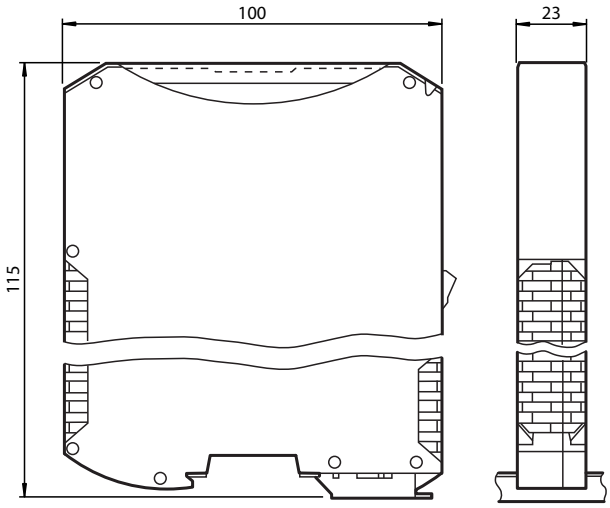


WCS interface module

WCS-EIG410

- Up to 4 read heads can be connected
- DIN rail mounting
- Integrated switch
- EtherNet/IP
- Measuring length max. 629 m

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		

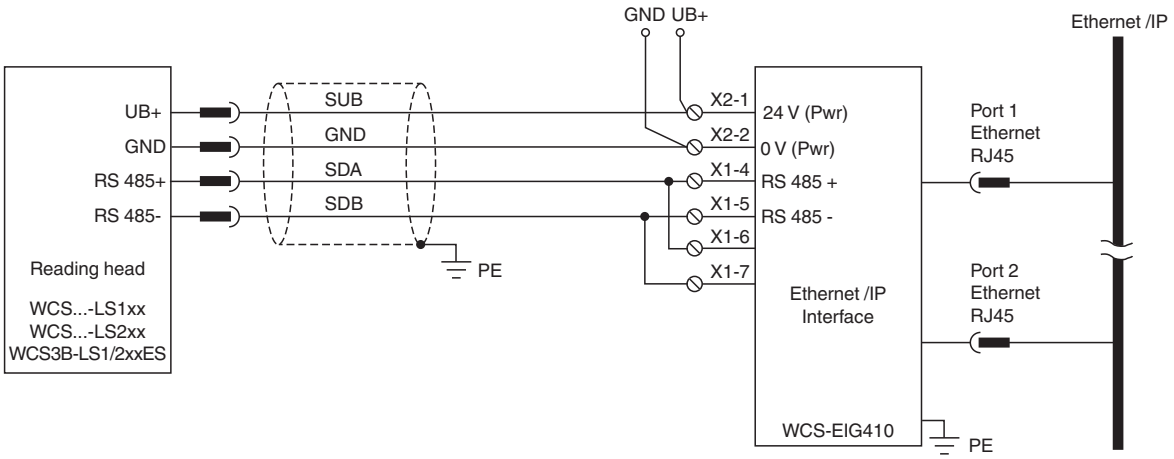
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Technical Data

Connection of		control system
Interface type		Ethernet
Protocol		EtherNet/IP
Transfer rate		10 MBit/s or 100 MBit/s
Data output format		binary code
Interface 2		
Connection of		control system
Interface type		Ethernet
Protocol		EtherNet/IP
Transfer rate		10 MBit/s or 100 MBit/s
Data output format		binary code
Interface 3		
Connection of		WCS read heads
Connectable read heads		WCS...-LS121 , WCS...-LS221 , WCS3B-LS1/2**ES with option ES (Extended Protocol up to 628 m)
Interface type		RS-485
Protocol		half duplex
Transfer rate		62.5 kBit/s
RS485 termination resistor		switchable
Refresh cycle of read head		1 ms / 10 ms (with extended WCS read head)
Standard conformity		
Emitted interference		EN 55011, cl. A: 2007
Noise immunity		EN 61000-6-2:2005
Approvals and certificates		
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		111 mm
Housing depth		115 mm
Degree of protection		IP20
Material		plastic
Installation position		any position
Mass		approx. 140 g

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Connection



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