

Data Sheet 505.1

Interface Protector CUT3002



Interface



Interface (open)



Interface Cabinet: (IP 66) dimensions:
Length 400 MM, Height; 200 MM, Depth 155 MM,
Weight 7.5 kg.

The Interface

The basic version, converts RS232 signals to RS485 signals and supply 24 VDC to the Address Board(s). In the more sophisticated versions, the interface may be connected to the network in the plant. These models also convert the signals to RS485, but the PC that is used for temperature measurement can be almost anywhere on the network in the plant.

Connection cable:

The standard connection cable from PC to Interface is 5 m long

Sensor cables

The length and number of sensors in one sensor cable are custom specified.

Specification:

Supply voltage	: 230 VAC – 50 Hz.
Power consumption	: Max 30 VA
Communication	: RS232 on PC. RS485 on address board
Protocol	: Transparency
Protocol characters	: ASCII
Baud rate	: 9600, 8 Databit, 1 startbit, 1 Stop bit, No parity.
Number of busses	: 1-4
Number of address	
Boards per bus line	: Max 32
Over voltage protection	: Available

Specifications:

Sensor	: NTC with diode
Norm values	: 3000 ohm / 25°C
Range	: -20°C to +85°C
No. of sensors	: Max 24

Address boards: CUT1007 (CUT3001)

Only one type of address board is available.

The address boards can be connected to max 8 cables

Working conditions: -8 to +50°C

Further information about the address board can be obtained from separate data sheet 513.

Bus cables

The bus cables required a 4-wire-line for communications and supply. Recommendation:
2 x 2 x 0.5. Twisted pair shielded cable

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