

Hub RS485

P/N 029-00-01-0001

The 'Hub RS485' is a junction box with 6 connection sockets for connecting WYLER AG devices to communicate with each other.

Regular: The lines are connected 1 to 1, a power supply is not included.



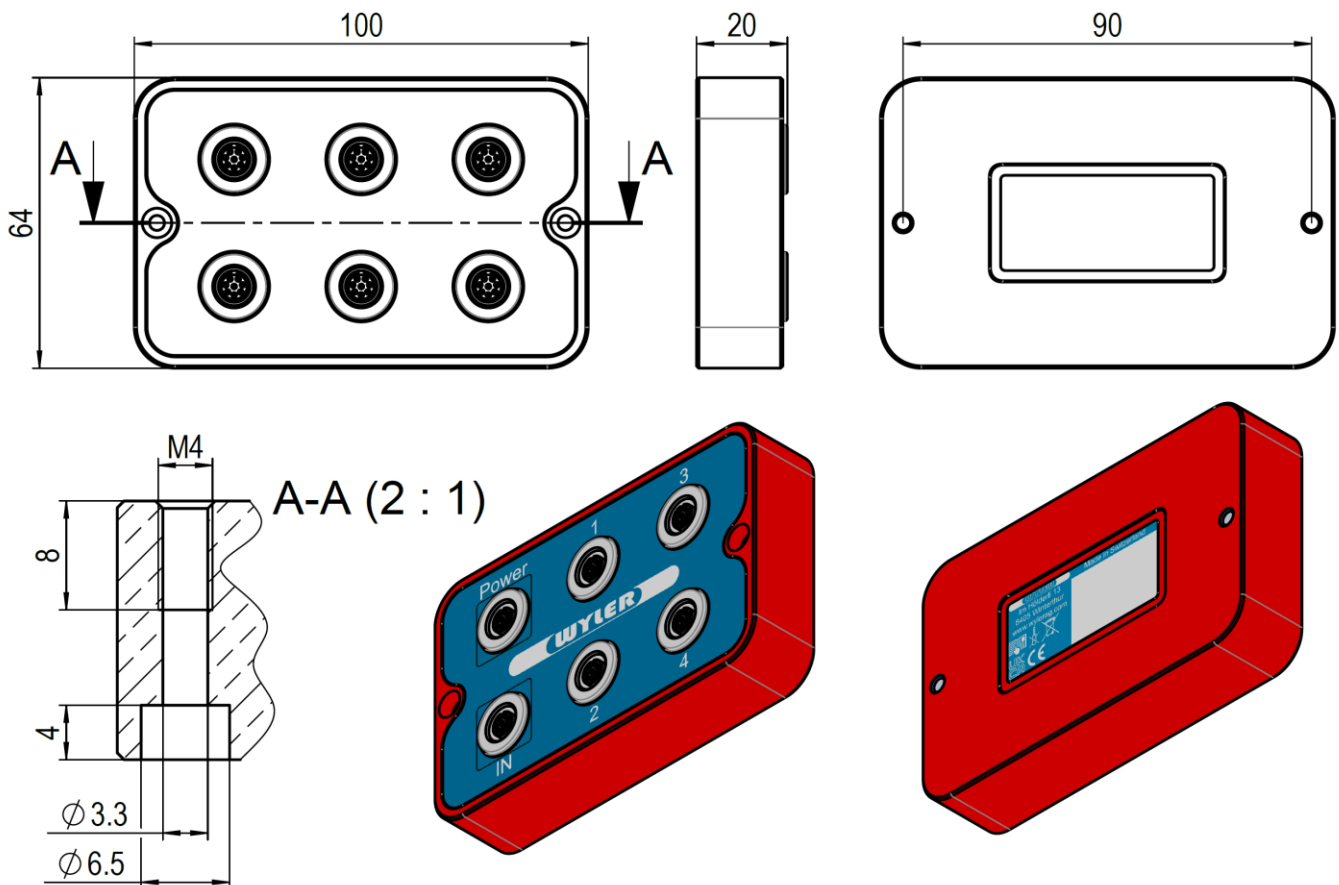
Absolute Maximum Ratings

Stresses above those listed under „Maximum Ratings“ may cause permanent damage to the device!

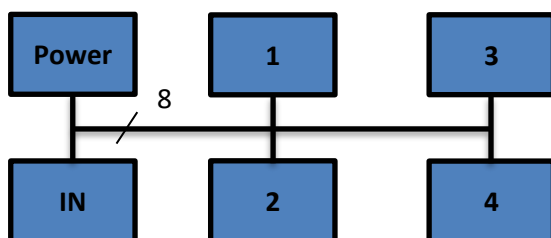
Characteristics	Value
Maximum Operating Voltage	max. 30V
Storage Temperature	- 40 ... 85°C
Operating Ambient Temperature	- 40 ... 85°C

Mechanical Characteristics

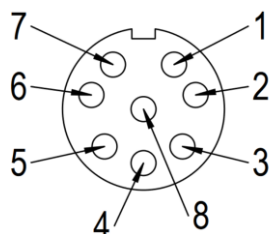
Characteristics	Value
Material	Aluminium, anodized
Dimensions L x W x H	100 x 64 x 20 mm
Protection class	IP64 (only with protective cap or plugged in)
Mechanical operation	> 500 mating cycles
Net Weight	210 g



Functional Description



Pin assignment



Pin	Name	Description
1	+24 V	+ 24 V Power / max.1A
2	GND	Ground
3	+ 5 V	+5 V Power / max. 1A
4	RTA / TX	Wyler RS485 channel A or RS232 transmit line
5	RTB	Wyler RS485 channel B
6	RX	RS232 receive line
7	RTS	RS232 request to send
8		Reserved

Please Note:

The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

To lock the cable connector B to the equipment connector, the threaded ring is tightened until it is 'finger-tight' (approx. 50 cNm).