



Operating instructions Technical Parameters



multisys D2-4BS 4x module bus hub

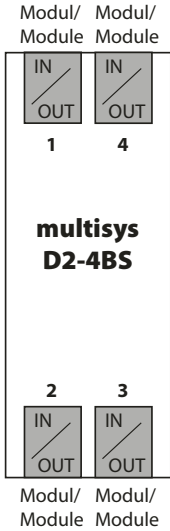


In our download centre you will find the appropriate instructions for KBR devices.
<https://www.kbr.de/en/download/operating-instructions/>

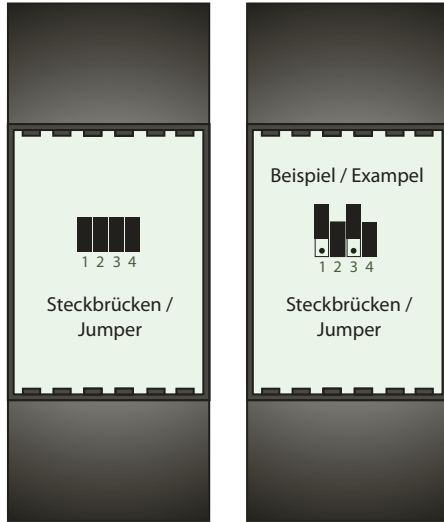
1 Description multisys D2-4BS

The **multisys 1D2-4BS** is a 4x module bus hub. Typically it is used when, for example, expansion modules are via multiple gateways connected to a **multimax**.

Connection chart:



Configuration:



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Description of example:

When the jumper is plugged, the 24 VDC power supply is routed.

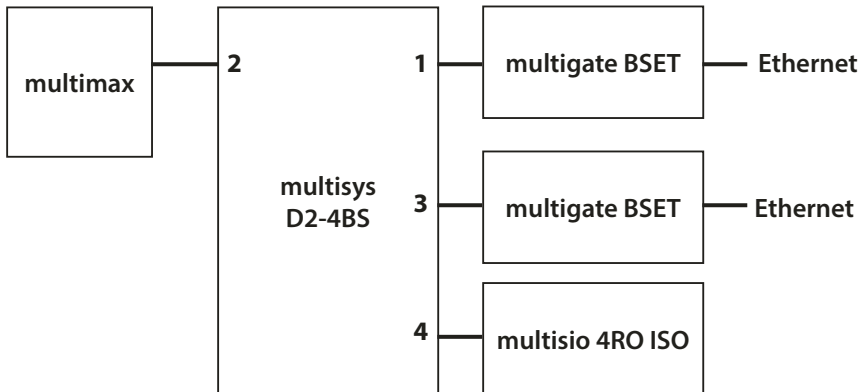
In the example, the contacts of the power supply from port 2 and 4 are connected to each other.



CAUTION

It is important to make sure that it is always just one connector a 24 VDC power source, or damage may occur on the power supplies.

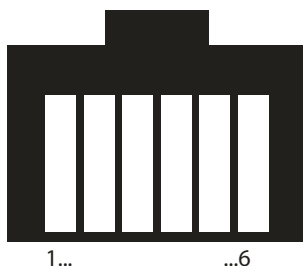
With open jumper just the bus signals and the ground terminal are connectet.



Jumper settings:

- J1 open = no power supply
- J2 plugged = 24VDC power supply input
- J3 open = no power supply
- J4 plugged = 24VDC power supply output

2 Connection chart RJ12:



- Pin 1: ground
- Pin 2: ground
- Pin 3: RT+ (A (KBR module bus RS485))
- Pin 4: RT- (B (KBR module bus RS485))
- Pin 5: + 24VDC
- Pin 6: + 24VDC

3 Electrical connection:

Module bus interface		modular connector RJ-12: 6P6C
Module bus interface	Connection material	6 pole modular cable, unshielded

4 Mechanical data:

Busbar devices	Housing measurements	90 x 36 x 61 mm (H x W x D)
Module bus connection	Mounting type	Wall mounting on DIN rail 7.5mm deep, in accordance with DIN EN 50022 Suitable for distribution board mounting
	Weight	approx. 80g

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