## **D-Sub InduCom** InduCom 9 – Industrial bus interface system Identification Part number General information **MVB** Interface MVB backbone interface set The Multifunctional Vehicle Bus (MVB) backbone

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OPERATIONAL DIAGRAM

OPERATIONAL DIAGRAM

-O A1+

A1-Ð

-0 81-

-O 82-Ð A2-

82+ Ð -O 12+

-O A1+

B1+ Ð

A1-Ð Ð B1-

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82+

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Ð B1+ interface is specially designed for communication cables in Train Control Networks (TCN). With this interface it is possible to realise a T-bus structure with MVB-cable with which you can disconnect the bus interface from the control unit without any interruption of the complete bus communication. On the PCB you will have load resistors and test capacitors which can be activated with solder bridges. The wires are terminated with the proven vibration resistant cage clamp technology.\*

## Components of the MVB interface set:

- 1 metal housing with 2 cable entries
- 2 hexagonal screws with UNC 4-40 threads
- 1 PCB with 9 way D-Sub male connector and cage clamps
- 2 crimp flanges for the MVB cable
- 2 crimp ferrules for the MVB cable
- 1 blanking piece

## WTB backbone interface set

The Wired Train Bus (WTB) backbone interface is specially designed for backbone cables in Train Control Networks (TCN). With this interface it is possible to realise a T-bus structure with WTB-cable with which you can disconnect the bus interface from the control unit without any interruption of the complete bus communication. On the PCB you will have load resistors and test capacitors which can be activated with solder bridges. The wires are terminated with the proven vibration resistant cage clamp technology.\*

## Components of the MVB interface set:

- 1 metal housing with 2 cable entries
- 2 hexagonal screws with UNC 4-40 threads
- 1 PCB with 9 way D-Sub male connector and cage clamps
- 2 crimp flanges for the WTB cable
- 2 crimp ferrules for the WTB cable
- 1 blanking piece

Further bus PCBs on request

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\* To check compatibility with cable types and manufacturers, please contact your local HARTING representative.

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WTB Interface