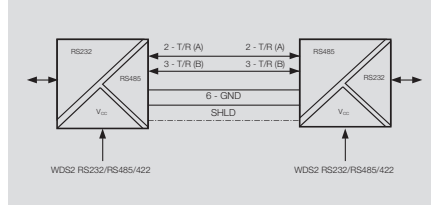
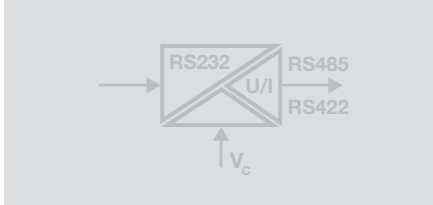


## Serial interface converter

### RS232/RS485/422

- 3-way isolation
- RS232 connection via SUB-D 9
- RS485/422, TTY shield connection via locking bar
- Switchable DTE or DCE assignment
- Bidirectional communication

### RS232/RS485/422



### Technical data

#### RS232

Connection type / Input current  
Assignment

#### RS485/422

Terminating resistors  
Type of connection  
Bit distortion  
Bit delay  
Control of data direction  
Shield connection  
Status indicator  
Transmission rate  
Transmission channels

Transmission distance

#### General data

Supply voltage  
Power consumption  
Ambient temperature  
Storage temperature  
Approvals

#### Insulation coordination

Standards  
EMC standards  
Rated voltage  
  
Impulse withstand voltage  
Pollution severity  
Overvoltage category  
Clearance & creepage distances  
  
Insulation voltage

SUB-D9 (male plug) /  
DTE/DCE switchable with DIP switch

Pull-down/pull-up via DIP switch  
Screw connection  
< 5 %  
≤ 3 μs  
Automatic or via RS232 RTS/CTS  
KLBÜ 4-6/Z1  
LED green: supply voltage, TxD, RxD  
115.2 kBit/s  
Half duplex (RS485, 2-wire)  
Full duplex (RS485, 4-wire and RS422)  
Max. 1200 m twisted pair

24 V DC ± 25 %  
ca. 1.5 W  
0 °C...+55 °C  
-20 °C...+85 °C  
cULus; GL; CE  
  
EN 50178  
EN 55011, EN 61000-6-2, EN 61000-6-4  
between adjacent electric circuits: 300 V  
between electric circuits and PE: 150 V  
4 kV  
2  
III  
Between adjacent circuits: 3 mm  
between the circuits and PE: 1.5 mm  
2 kV DC / 1 min.

#### Dimensions

Clamping range (nominal / min. / max.) mm<sup>2</sup>  
Length x width x height mm

#### Note

#### Screw connection

2.5 / 0.5 / 2.5  
92.4 / 22.5 / 112.4

### Ordering data

#### Connection system

Screw connection

Type	Qty.	Order No.
WDS2 RS232/RS485/422	1	8615700000

#### Note

### Accessories

Cross-connector for power supplies and markers – refer to Accessories