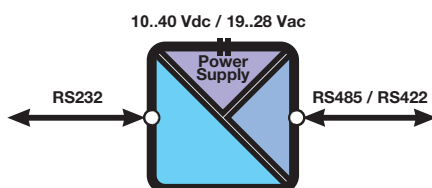




Z107

RS232 ↔ RS485/422 SERIAL CONVERTER



Z107 allows a transparent conversion and isolation of RS485/RS422 serial line into RS232 and viceversa.

The RS232 connection is available both on terminals and RJ10 connector. As well the RS485 connection is available both on terminals and back side connector.

TECHNICAL SPECIFICATIONS

General Data

| | |
|-----------------------|--|
| Power supply | 10..40 Vdc, 19..28 Vac 50..60 Hz |
| Power Consumption | 2,5 W |
| Isolation | 1.500 Vac (3 way) |
| Status Indicator | Power supply, RST signal status, data transmission, data reception |
| Protection Degree | IP20 |
| Operating Temperature | 0..+55 °C |
| Dimension (W x H x D) | 17.5 x 100 x 112 mm |
| Weight | 200 g |
| Enclosure | PBT |
| Connections | Removable terminal block, max wire size 2,5 mm ² |
| Mounting | 35 mm DIN rail guide |

Communication, Memory Process

| | |
|------------------|--|
| Interface | RS232 on RJ45 frontal connector RS485/RS422, removable terminal block with screw type connection |
| Operating ways | 2 wires Half Duplex, point to point, multidrop |
| Direction change | Automatic timing, command from RTS on RS232 interface |
| Speed | Up to 115 kbps |
| Protocol | ModBUS RTU slave |
| Distance | Up to 1.200 m |

Configuration

| | |
|--------------|---|
| DIP switches | Speed, communication, change of direction |
|--------------|---|

Standard

| | |
|-----------|--|
| Approvals | CE, UL-CSA |
| Norms | EN 50081-2, EN 55011, EN 50082-2, EN 61000-2-2/4, EN 50140/141, EN 61010-1, EN 60742 |

ORDER CODES

| Code | Description |
|------|--|
| Z107 | DIN rail RS232 - RS485/422 serial converter, 19..40 Vdc / 19..28 Vac |

ACCESSORIES & SOFTWARE



Z-PC-DIN
Backplane for power & bus communication
pg. 36



Z-SUPPLY
Switching power supply
pg. 36

SIMILAR PRODUCTS



S107P
RS232 - RS485/422 serial converter, desk version
pg. 48



K107B
RS232/RS485 serial converter
pg. 53



K107USB
RS485 ↔ USB serial converter
pg. 54



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