

L-8520BR(BRF)



Specifications

- ♦ Converted signals: RS-232 to RS-422/RS-485
- ♦ Auto switching for RS-232 to RS-422 or RS-485
- Baud Rate: Auto switching 300 ~ 115.2 Kbps (L-8520BR) or 921.6 Kbps (L-8520BRF).
- Supports RS-485 full(4-wire) / half(2-wire/default)
- ♦ Transmission and Receiving LED indicator
- ♦ Isolation voltage: 3000 V DC.
- ♦ Isolation Side: RS-422 / RS-485.
- ♦ RS-232 interface connector: Female DB-9.
- ♦ RS-422/RS-485 connector: Plug-in screw terminal
- ♦ High ESD protection level : up to 25 kV
- ♦ EMS Protection: IEC-61000-4-2 (EDS) Level 4
- ♦ Case: ABS with captive mounting hardware.
- ♦ Accessories (Supplied):NYLON DIN-rail Mounting Adapter SECC Panel Mounting Bracket.
- Plug-in screw terminal wiring: Accepts AWG 1-#12 to #22 (0.5 to 2.5 mm) wires.
- ♦ Operating temperature: -10 ~ 70° C (14~158° F)

Block Diagram

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Isolated RS-422/485 to RS-232 Converter

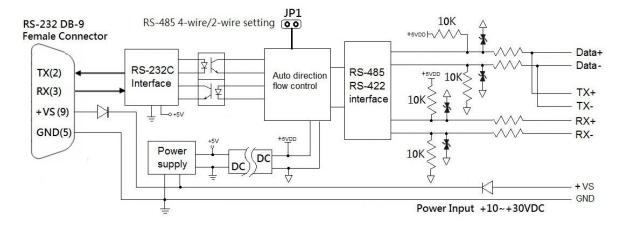
Features

- Auto direction flow control on RS-485
- Auto switching for RS-422/485 to RS-232
- Auto switching Baudrate up to 115K or 921Kbps
- Transient suppression on RS-485 data lines
- Isolated on RS-422/RS-485 side
- Data flow indicator for trouble shooting
- Supports RS-485 full(4-wire) / half(2-wire)
- Networking up to 4000 feet
- Mounts easily on DIN-rail or panel
- \diamond Storage temperature: -25 ~ 85 °C (13 ~ 185 °F)
- ♦ Humidity: 5 ~ 95%, non-condensing
- Power Requirement:
 - Power Consumption: 1.2 W (Typical)
 - Power Input: +10 ~ +30 VDC,
 (Or from RS-232 D-type connector PIN-9)

Order information

- L-8520BR : Isolated on RS-422/485 side Isolated RS-422/485 to RS-232 Converter (*115.2Kbps*)
- L-8520BRF : Isolated on RS-422/485 side Isolated RS-422/485 to RS-232 Converter (921.6Kbps)
- L-8520B : Isolated on RS-232 side Isolated RS-232 to RS-422/485 Converter (*115.2Kbps*)

Flexble OEM/ODM design



inLog RS-485/422 and RS-232 Converter

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