



RS232 to RS422/485 converterter (041121)

The 485-ISO interface converter allows operation in compliance with RS-485 or RS-422 equipment and RS-232. When operating as HALF duplex (2 wire or multi-drop, switch is set to T-RTS/R-/RTS position) or FULL duplex multi-drop (4 wire, switch is set to T-RTS R-ON position), the 485-ISO detect the control signal (RTS or CTS) from PC/terminal which enable the device to output of the RS-485 line. Operating as a RS-232 to RS-422 interface converter, the 485-ISO convert full duplex data, TD and RD, between RS-232 and RS-422. As an RS-232 to RS-485 converter the 485-ISO can be configured as a 2 wires or 4 wire converter. For RS-485 half duplex (2 wire, multi-drop) or full duplex (4 wire, multi-drop) protocol, the 485-ISO can be configured to control its data flow when RTS signal is applied from the RS-232 port. An I/O selection switch allows accommodating both DTE and DCE devices.

It is a very convenient for the RS-232 long distance communication control system with 2 wire or 4 wire interface converter. The terminal resistor be added if network needed. The 485-ISO includes 6 resistors to be selectable and supports power and data isolation. It is a real isolation interface converter.



1. DTE/DCE selection
2. Half/Full duplex, for point to point or multi-drop.
3. Tx/Rx data isolation & power isolation
4. Multi-drop up to 32/256
5. Contention control by RTS/CTS from RS232/V.24
5. Six terminal resistors selectable
6. Surge protection
7. TD/RD & power indicators

Applications: System integration, Factory automation, PLC contr control system, POS system, PC COM. ports long distance communication, point to point, multi-drops 2 or 4 wires with RS-232 interfacE