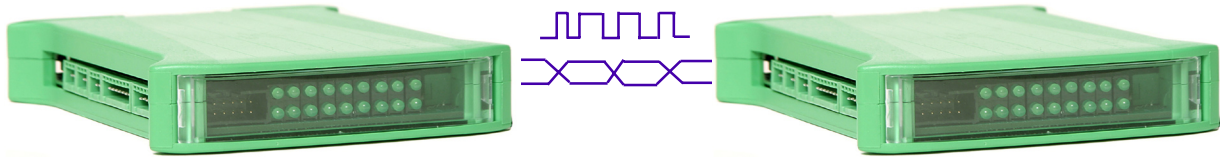


Introducing the REM-100 8 Channel Wired Remote Control System



Two Wire Remote Control Made Easy

The REM-100 8 Channel Wired Remote Control System from BDI is a DIN rail mounted series of electronics that allow the control of up to eight relay closures in two directions over a single pair of wires. A single pole switch closure closes a relay at the other end in both directions. Because the REM-8 system uses serial communications, one unit can act as a master to up to 64 slave units. Serial communications options include RS-485, CAN™ Bus or USB interface to a PC. When connected to a PC via a USB port a single local REM-100 can communicate to up to 64 REM-100 modules. A multi location remote control system can be configured quickly as only a single pair is needed to communicate along the REM-100 network. Each module has eight control inputs and eight relays so duplicate functions can be mirrored if required. Each module has a set of local and remote status indicators so that when a switch is closed in the remote location positive verification can be made at the other location. Use for remote starts for automation, signalling, control lights, etc.

Basic Technical Specifications:

Number of inputs:	8
Number of relay closures:	8
Relay Contact type:	form C NC/C/NO
Relay contact rating	2A at 30 VDC
Control input type:	pull to ground - relay control mimics control input for momentary or maintained action
Communication:	serial RS-485, CAN™ Bus or USB Port available - up to 64 REM-100 units can be connected to a single pair network. REM-100 units are addressable
Power Requirements:	+9 - 24 VDC @ 150 mA - power pack supplied with each unit
Mounting:	standard DIN rail - available from BDI
Environmental:	0-60 degrees C. non condensing atmosphere

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