



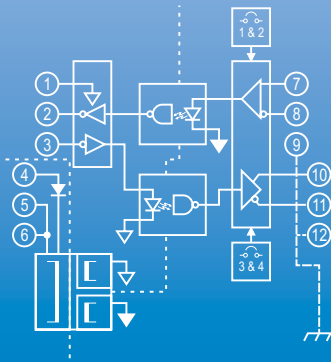
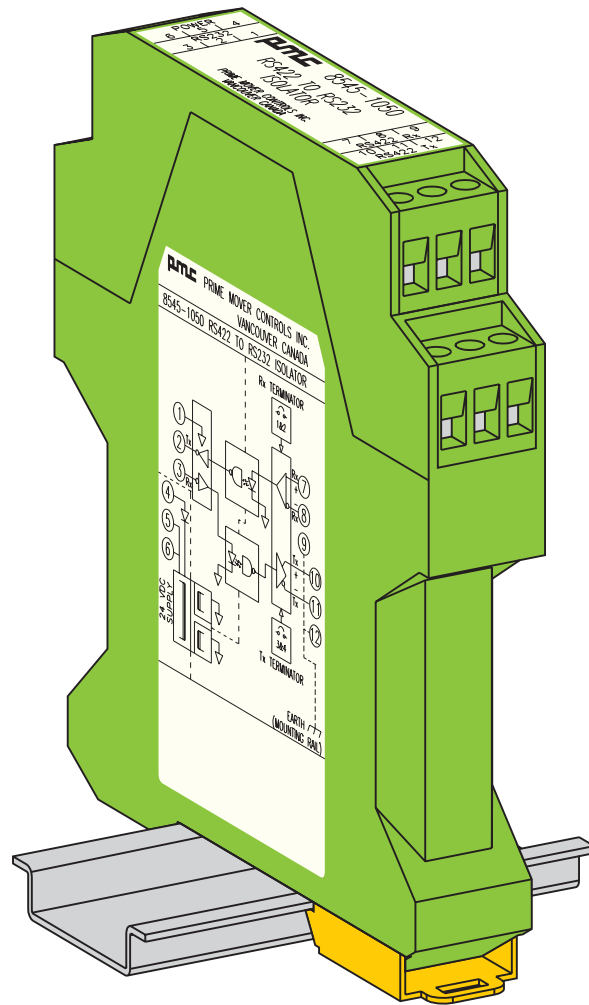
Type 8545-1050

The RS-422 communication interface standard is used for the communication of data between intelligent devices using point-to-point connections. In order to communicate safely with an RS-232 interface, it must be electrically converted and isolated. The 8545-1050 is also used for bridging gaps which exceed the max cable length of 15 m recommended in the RS-232 (V.24) specifications.

FEATURES

- Receive and transmit lines are optically isolated
- Module power, RS-422 power and RS-232 power supplies are electrically isolated
- Transmission rates up to 115.2 kBd
- Removable terminal blocks
- TS 35×7,5 rail mount

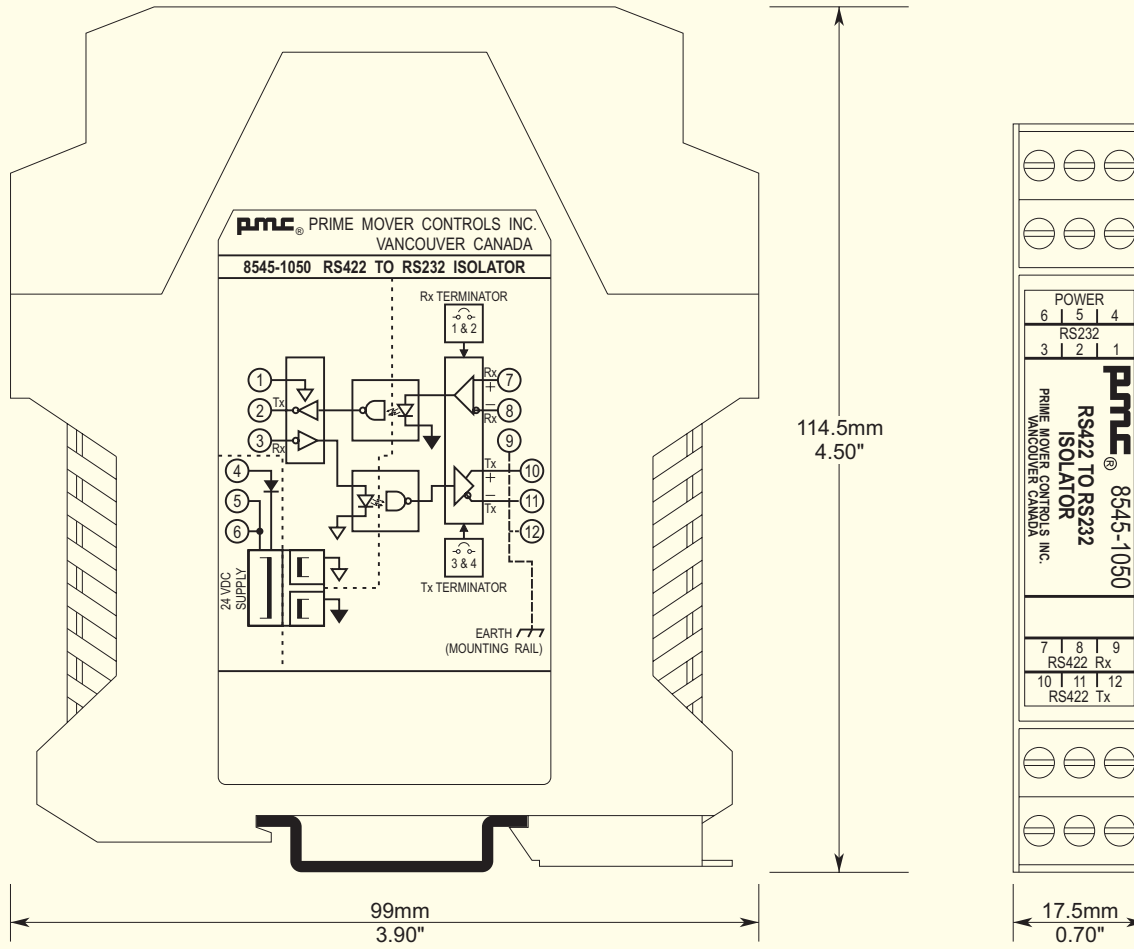
RS422 TO RS232 ISOLATOR



PRIME MOVER CONTROLS INC.

DIMENSIONS FOR 8545-1050 RS422 TO RS232 ISOLATOR

SCALE 1 : 1



SPECIFICATIONS:

Supply 24 V_{DC}:

- Isolated power supplies
- Nominal 24 V_{DC}, range 8 to 45 V_{DC}
- 50 mA nominal, 100 mA max
- Reverse voltage protection

Environmental:

- Operating temperature -20 to +70°C
- Storage temperature -40 to +100°C
- Vibration: range 2 to 100 Hz
Peak to peak amplitude 2 mm below 13.2 Hz
Acceleration 0.7 g above 13.2 Hz

Physical:

- IP30 enclosure
- Dimensions 114.5 mm H × 99 mm W × 17.5 mm D
(4.50" L × 3.90" W × 0.70" D)
- Weight 0.11 kg (0.25 lbs)
- Removable terminal blocks for 14 to 20 AWG wires

Connection:

- RS-422 to RS-232
- Transmission channels; Rx, Tx, full duplex
- Max. transmission rate, 115.2 kBd

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