

Universal Expansion Board — can be used with all Z·World SBCs

SE1100

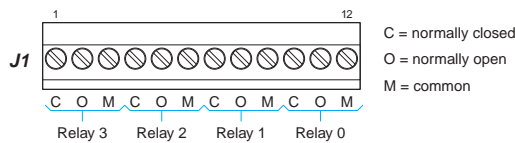
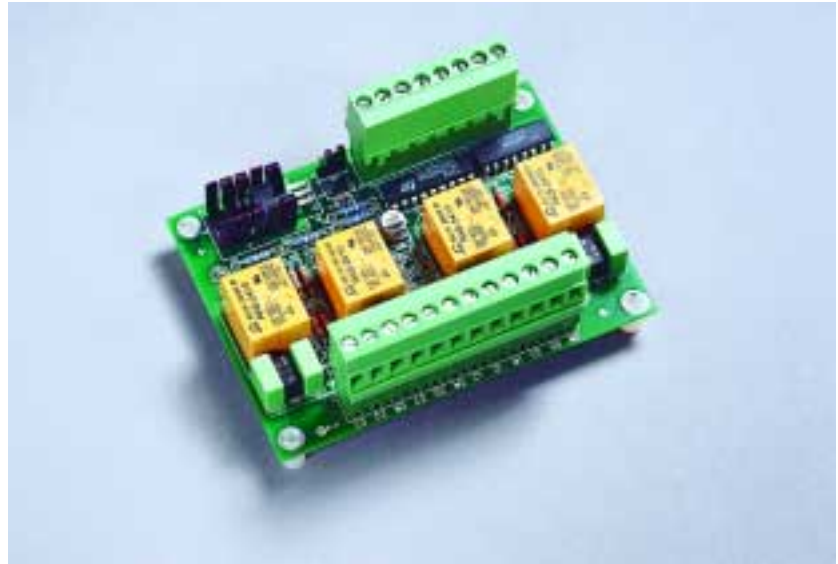
The SE1100 expansion board provides 4 SPDT relays that connect to the digital outputs of **any** SBC. The board has NC (normally closed), NO (normally open), and COM (common) terminals for each relay.

You can drive the relays using 5–24 V logic at 7 mA. The board can be powered by any 24 V supply.

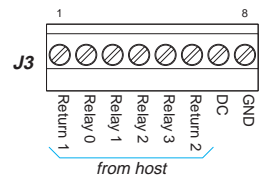
The relays are optically isolated and have fuses and filters protecting against noise and transients. Each relay has an LED indicator, helping with system maintenance.

The SE1100 can be located up to 50 feet (15 m) away from the board that is driving the relays.

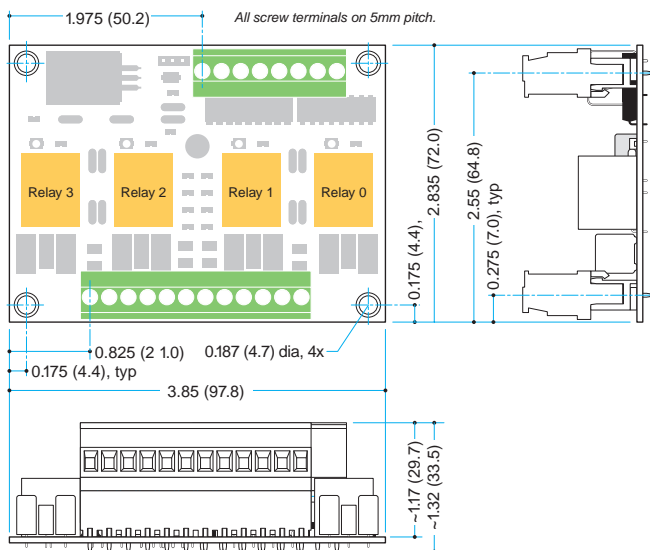
The board uses two-part quick-release connectors. One part is fixed to the board. Wiring attaches to the removable part. Wiring attaches to the removable part. The two parts make a very secure connection, yet you can disconnect your wiring very quickly.



Output Connectors, J1



Input Connectors, J3



SE11000 Dimensions

SE1100 Specifications

Board Size	2.835" x 3.85" x 1.32", din-rail mountable (72 x 97.8 x 33.5)
Operating Temp.	–40°C to +70°C
Humidity	5–95%, non-condensing
Power Requirements	24 V DC, 100 mA max
Outputs	4 SPDT (mechanical) relays rated 6.3 A at 250 V AC or 24 V DC. Each relay has optical isolation, an LED indicator, a fuse, and a filter to protect contacts. Each relay has NO, NC, and COM output terminals
Inputs	4 lines (with 2 returns) on J3, 5–24 V at 7 mA



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