

Description

The ZP3AB-SCB-D board is a serial control bus driver used to connect a number of remote display units (RDU's) and remote control units (RCU's) to a ZP3 panel.

Specification

Description	Serial control bus driver
Compatibility	ZP3 range of panels
Mounting	Inside ZP3 panel on main board at Z-Port 3. (Fig 1)
Wiring	Plug and socket - fixes to allotted space on panel main control board.

24V Power supply input:

Voltage	19.6 – 28 Volts
Current (quiescent)	28mA
Current (max)	78mA

Environmental

Temp range	-10°C to +60°C
Humidity range	10% to 90% RH (non-condensing)

Construction

Dimensions	120mm (H) x 55mm (W)
Weight	53g

Installation Instructions

1. Power down the ZP3 panel.
2. Remove 3 x M4 x 8 screws located around Z-Port 2 on the ZP3 main board. (Fig 1)
3. Replace screws with 3 x M4 x 18 stand off and washers included with the ZP3AB-SCB-D board.
4. Align and insert the ZP3AB-SCB-D board. Care must be taken to ensure proper alignment and port location.
5. Affix with 3 x M4 x 8 screws and washers (supplied).

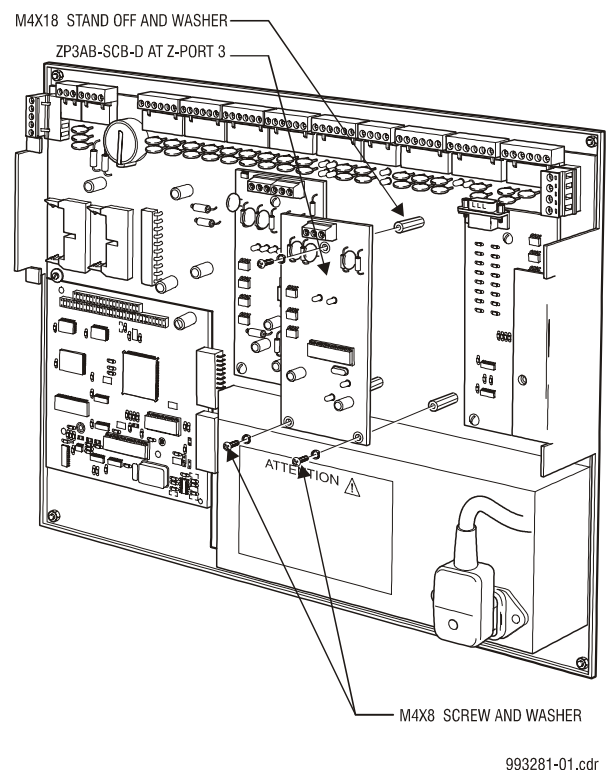
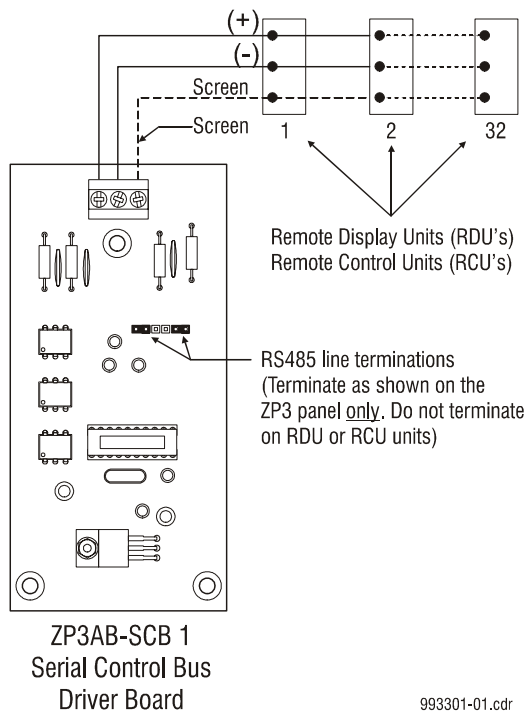


Figure 1

6. Connect screened comms wiring to RDU/RCU.
7. The wiring is connected from the ZP3AB-SCB-D board in the ZP3 panel to the SCB connections in the RDU and RCU panels. At the ZP3 panel, the wiring must be terminated. This is done by connecting the jumpers as shown (Fig 2). All other panels must not be terminated, i.e. their jumpers must be removed.



number entered for RDUs online will not have control abilities.

If this number is set to 63 the address at the RDU can be set to any address from 0-63. If this number is set to one only addresses 0 and 1 can be set on the RDU unit.

Figure 2

8. Power up the ZP3 panel and configure the number of RDU/SCBR's online, this defines the number of RDU's that can be connected to the panel.

The ZP3 panel can operate 64 remote display units. The address range for the RDU is 0-63 this gives 64 available address options. The RDU is wired to the panel via the ZP3AB-SCB1 SCB driver board.

Usage: Fit the ZP3AB-SCB1 board to the ZP3 panel using the interface marked 'RDU interface'. Accept devices on the panel. The SCB software stream for the 71910 EN panel is SW72401. Once the SCB driver board has been accepted the user can view the SCB driver software under operator/reports to display. Configure the SCB online, this defines the number of RDU's that can be connected to the panel.

Navigate the following menu:

Setup/System configuration/peripheral
comms/RDU/SCB on line.

The address of an RDU may not be higher than the number of RDUs configured to be to online. If this value is set to 32 then RDUs can be connected with addresses ranging from one to 32. This number thus defines the valid RDU address numbers and not the amount of RDUs connected. All RDUs that have addresses higher than the