

Installing the Terminal Block Module

Instruction sheet for SmartLine STT 850, STT 750 Temperature Transmitters and SMV 800 Multivariable Transmitters

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Please take appropriate steps to avoid ESD damage when handling the Terminal Block assembly

Step – 1: Turn OFF transmitter power.

Step – 2: Loosen the End Cap locking screw and unscrew the End Cap from the Field Wiring side of the transmitter housing.

Step – 3: Remove the Loop wires and sensor input wires from the terminal block assembly.

Step – 4: Loosen the two retaining screws, and carefully pull the terminal block assembly from the Field Wiring compartment. (Refer to Figure 1).

Step – 5: Apply the appropriate communication protocol label supplied to the terminal block assembly, as shown in Figure 1 View A.

Step – 6: Install the terminal block assembly by aligning the two ribs on the upper portion of the terminal block assembly with the ground connection rib in the housing and carefully push the terminal block assembly into the field wiring compartment until fully seated against the two mounting bosses.

Step – 7: Tighten the two terminal block assembly screws.

Step – 8: Reconnect the Loop wiring and sensor input wires.

Step – 9: (Steps 9 & 11 required for Field Upgrades Only) Select the proper terminal block upgrade kit label from the label block provided and adhere the label to the inside of field wiring end cap.

Step – 10: Apply Parker Super O-ring Lubricant or equivalent to the end cap O-ring before installing the end cap. Reinstall the End Cap and tighten the End Cap locking screw.

Step – 11: Install external upgrade label (i.e. DEVICE MODIFIED.....) on outside of housing as shown in Figure 1).

Step – 12: Turn ON transmitter power.

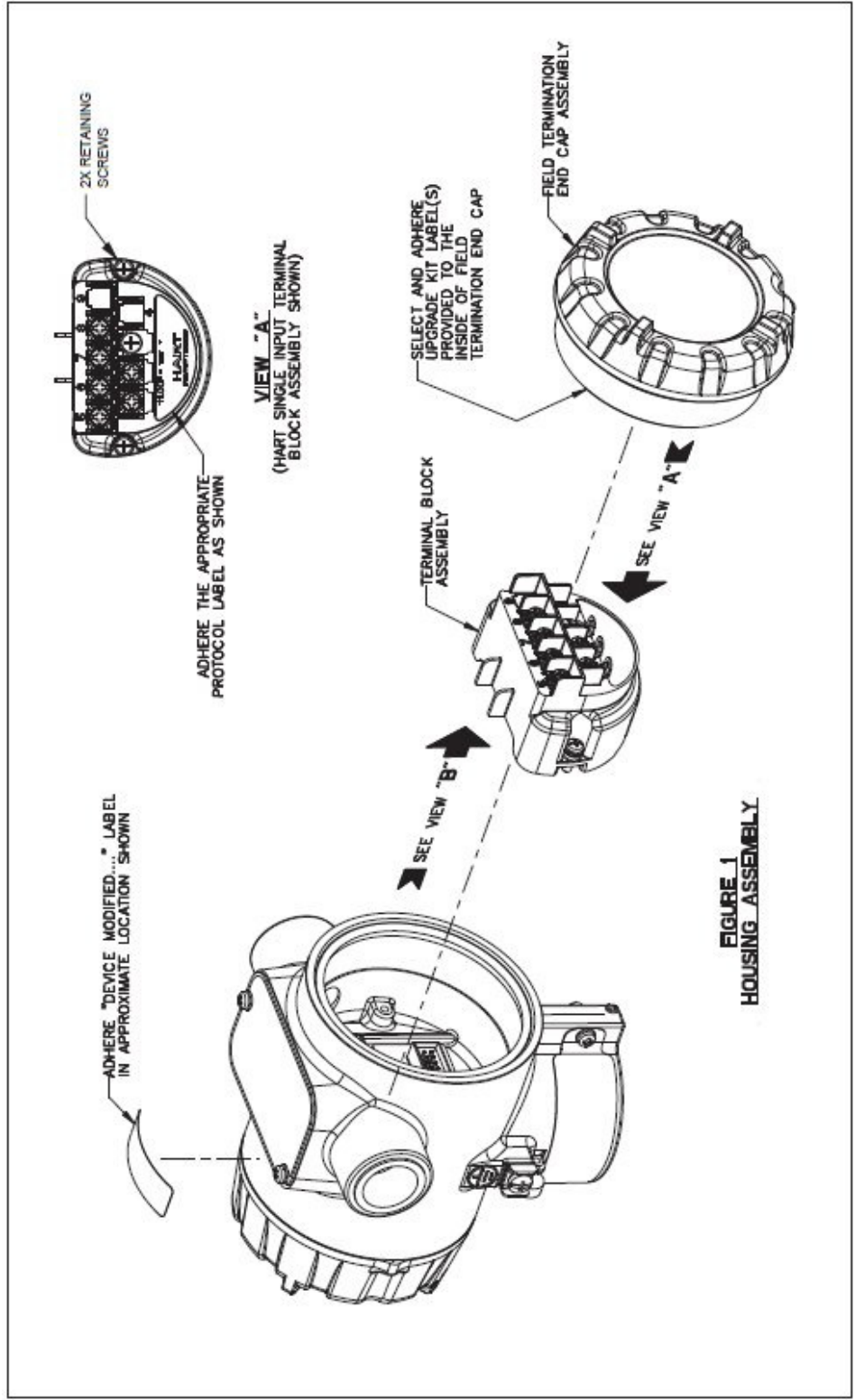


Figure 1 – Sheet 1 of 2

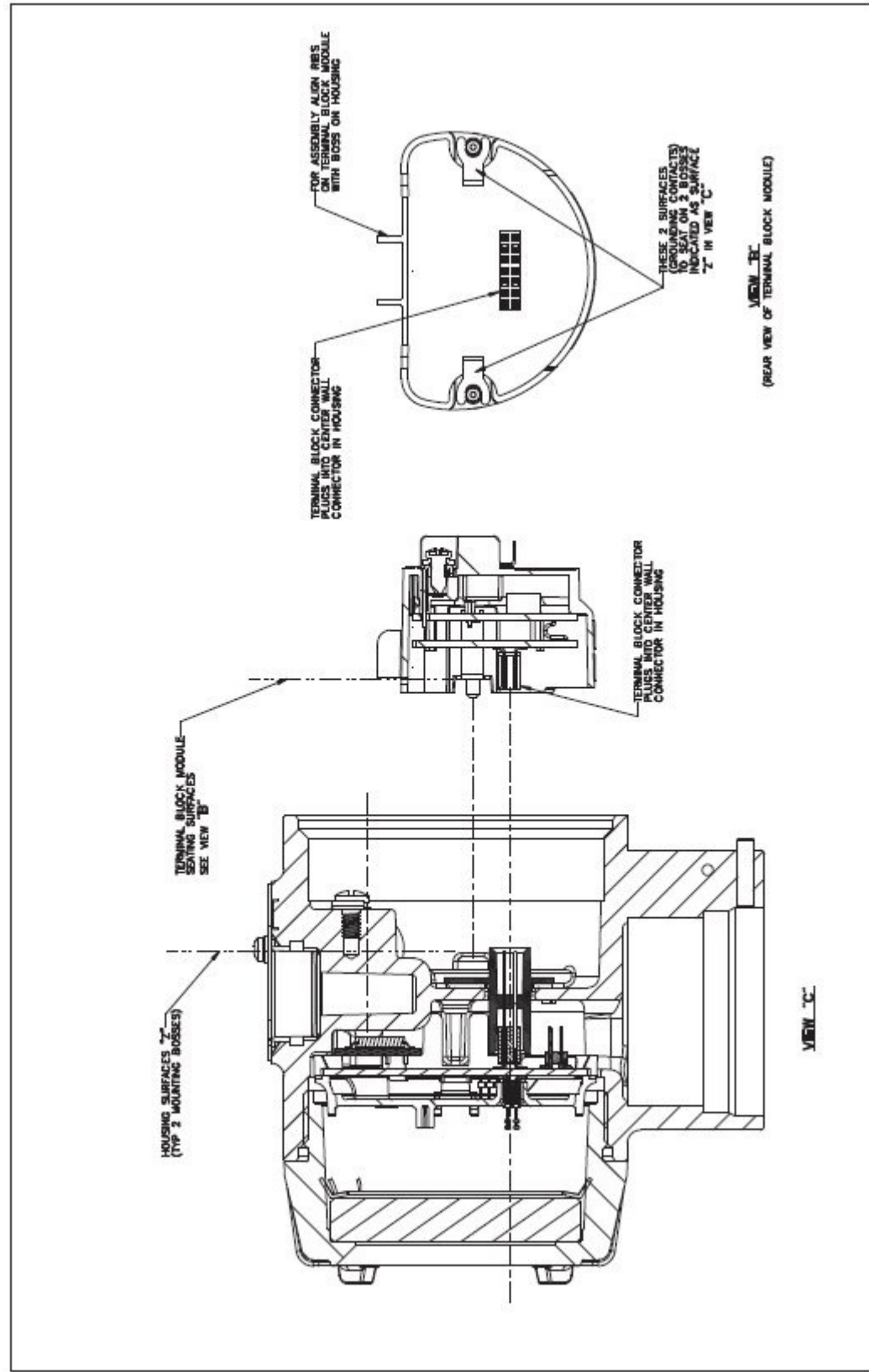


Figure 2 – Sheet 2 of 2

Sales and Service

For application assistance, current specifications, pricing, or name of the nearest Authorized Distributor, contact one of the offices below.

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