



DISPENSER HOOK ISOLATION

The FE PETRO® dispenser hook isolation device prevents electrical feedback between dispenser hook circuits as required by most electrical codes.

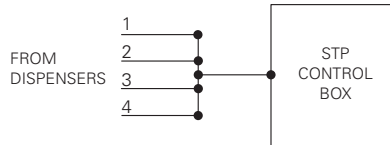
HIGHLIGHTS

- Optically isolates inputs from up to eight dispensers, preventing damage to dispenser relay boards caused by cross-phasing.
- Prevents electrical feedback between dispenser hook circuits during periods of maintenance and service as required by NEC 514-3, 2002 and other international codes.
- Can be supplied factory-wired in tandem with the FE PETRO® Smart Controller or the FE PETRO® standard control box.
- Eliminates false STP run due to voltage leakage of multiple dispensers connected in parallel.
- Fuse-protected output to submersible pump controller.
- The STP-DHI can retrofit to any existing site.

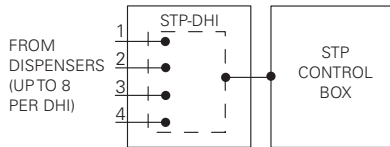
SPECIFICATIONS

- Enclosure size: 8½" × 5" × 3" (215 mm × 127 mm × 76 mm).
- Eight optically isolated inputs from dispenser.
- One STP-DHI required per product grade for up to eight dispensers.
- STP-DHI: 120 V 30 V A input from supply, eight 120 V 10mA inputs from dispensers.
- Output fuse rating: 250 V 1A, fast-acting.
- 300 Volt surge protection.
- Maximum ambient temperature rating: 120 °F.
- LEDs indicate when source power is applied and dispenser hook signals are present.
- Compatible with any submersible pump controller.

Conventional



STP-DHI



Approvals

- Consult factory for other applicable approvals.

Quality Certification

- Franklin Fueling Systems is an ISO 9001 Certified Manufacturer.