

50E70-820

**50E70-820 TRANE NON-INTEGRATED HSI
IGNITION MODULE KIT COMMERCIAL-
ROOFTOP APPLICATIONS**



FEATURES

- Single stage application
- 120V HSI ignition
- Adapter board and harness included
- For packaged units
- Flame current test pins
- Red & green status LEDs

SPECIFICATIONS

| | |
|---|---------------------------|
| Mounting | Standoffs / Adapter Board |
| Electrical Ratings @ 77°F (25°C) | |
| Input Voltage | 18 to 30VAC/ 60 Hz |
| Relay Load Ratings | |
| Gas Valve Relay | 1.5 amp 0.6 pf @ 30 VAC |
| Ignitor Relay | 5.0 amp max @ 132 VAC |
| Flame Current Requirements | |
| Minimum current to insure flame detection | 1 µA DC* |
| Maximum current for non-detection | 0.1 µA DC* |
| Maximum allowable leakage resistance | 100 M ohms |
| Timing Spec (@ 60 Hz) maximum | |
| Flame establishing time | 0.8 sec |
| Flame failure response time | 2.0 sec |

NOTE: At 50 Hz, all timing specifications should be increased by 20%.

*Measured with a DC microammeter in the flame probe lead.

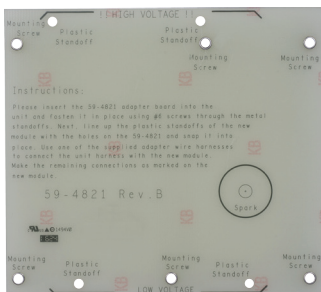
TECHNICAL HELP



| Model Number | Pre-Purge Time | Post Purge | Automatic Reset Time | Ignitor Warm-Up |
|--------------|----------------|------------|----------------------|-----------------|
| 50E70-820 | 0 sec | 0 sec | 60 min | 45 sec |

CROSS REFERENCE

| Trane | White-Rodgers |
|-------------|---------------|
| 3HS-1 | 21D70-495-01 |
| 3HS-2 Rev A | 21D70-495-02 |
| 3HS-2 Rev D | 50E70-820 |



F50N02-820

**F50N02-820 TRANE IGNITION CONTROL
ADAPTER BOARD KIT COMMERCIAL
- ROOFTOP APPLICATIONS**



FEATURES

- Furnace adapter board
- Used with 50N02A / 50N02B controls includes:
 - 9-pin to 9-pin harness
 - 9-pin to 12-pin harness
- For packaged units

SPECIFICATIONS

| | |
|--------------------|------------|
| Mounting | Stand-Offs |
|--------------------|------------|

CROSS REFERENCE

| Model Number | Trane | White-Rodgers |
|--------------|--------------|---------------|
| F50N02-820 | KIT06839 | F50N02-820 |
| | X13120662010 | 21D02-475-01 |