



UL508A MOTOR STARTERS FOR AIR HANDLING

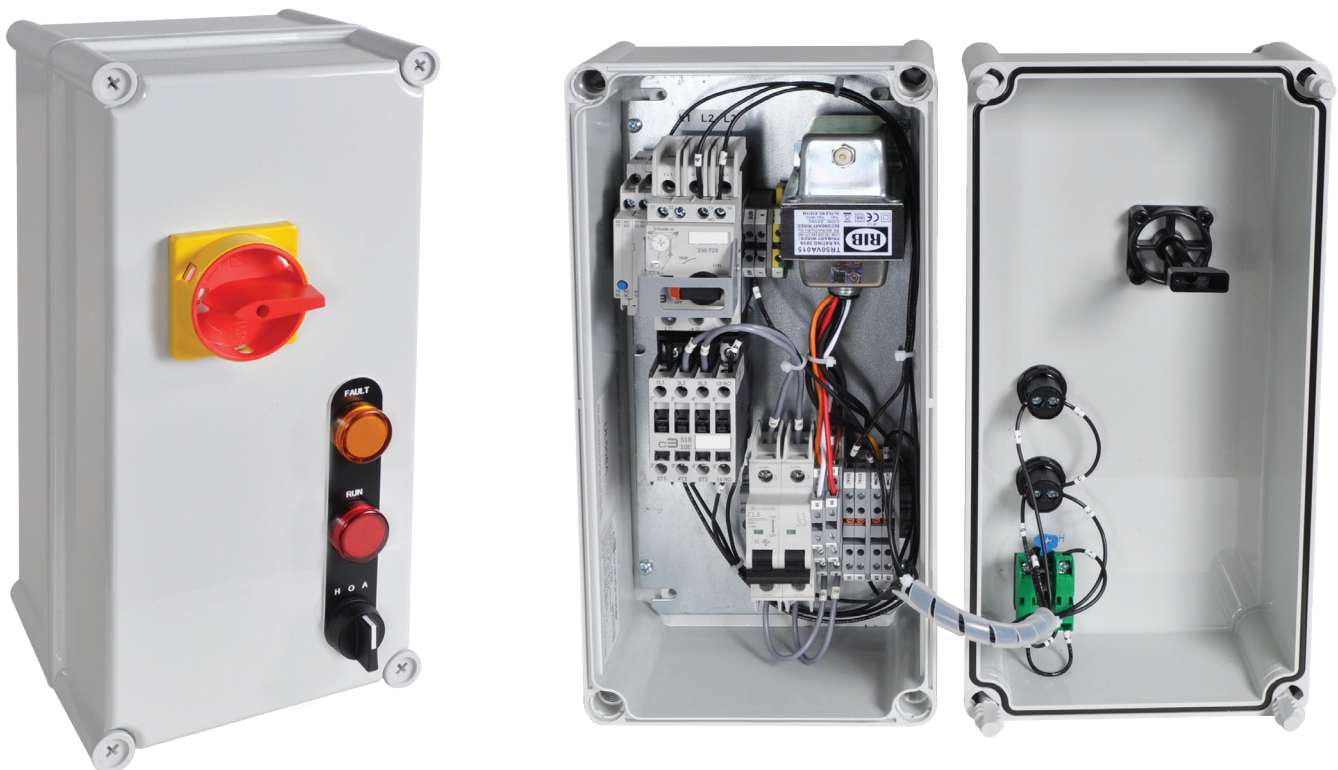
c3controls' Electrical Engineers have designed enclosed motor starters specifically for air handling applications, and each are Listed per UL508A, the Standard for Industrial Control Panels.

Our UL508A air handling motor starters come in two frame sizes:

FRAME SIZE	HP @ 120V, 1 ϕ	HP @ 240V, 1 ϕ	HP @ 200V, 3 ϕ	HP @ 240V, 3 ϕ	HP @ 480V, 3 ϕ
1	Up to 2 HP	Up to 3 HP	Up to 7.5 HP	Up to 7.5 HP	Up to 15 HP
2	2 HP	5 HP	10 HP	10 HP	20 HP

For over 40 years, c3controls has been a leading manufacturer of quality motor controls for the industry. As a Certified UL508A Panel Builder, and because we strictly control the manufacturing of our products, we can provide you with a high quality motor starter that you can install and forget about for years to come.

For more information or to speak with a c3 representative call 724.775.7926.



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UL508A MOTOR STARTERS FOR AIR HANDLING

Our UL508A Type E Combination Direct-On-Line (DOL) Starters provide motor disconnect, short-circuit and ground fault protection, motor control, and motor overload protection. Each assembly includes a polycarbonate enclosure, motor protection circuit breaker, contactor, miniature circuit breaker, and 22mm IEC pilot devices.

POLYCARBONATE ENCLOSURE

- Lift-off cover
- UL Rated Type 1, 4/4X, and IP66

MOTOR PROTECTION CIRCUIT BREAKER

- Motor ratings up to 20HP @ 480V
- Overload and short circuit protection
- Certified as Manual Motor Controllers suitable as Motor Disconnects
- Listed as a UL 60947-4-1A Type E self-protected combination Manual Motor Controller

CONTACTOR

- Integral auxiliary contacts:
 - » Right side mounted (1 NO) on 9A - 25A Contactors
 - » Front mounted (1 NO) on 32A Contactors

UL489 BRANCH CIRCUIT BREAKER

- Double-pole for protection of the control circuit
- 10kA @ 480Y/277V short circuit current rating
- Easily resets in the case of a fault

22MM IEC PILOT DEVICES

- Provides clear indication of the unit running or in the event of a fault
- H-O-A selector switch
- Red pilot light for Run indication
- Amber pilot light for Fault indication

EXTERNAL OPERATING HANDLE

- Robust handle for motor disconnecting
- Red handle/yellow bezel
- Padlockable with up to three (3) padlocks
- Provides door interlock so the enclosure cannot be opened while in the ON position

PRE-CONFIGURED

- Starters are pre-configured based on motor size
- Motor ratings up to 20HP @ 480V
- Accepts 1 phase or 3 phase input voltage

PRE-WIRED CONTROL CIRCUIT

- Pre-wired for quick and easy field installation
- Color-coded and marked terminal blocks
- Control transformer
- Circuit protection for simplicity of control circuit voltage
- 24VAC as standard control circuit voltage

