

Bulletin 140M Motor Protectors & Bulletin 190 Compact Combination Starters



Product Profile

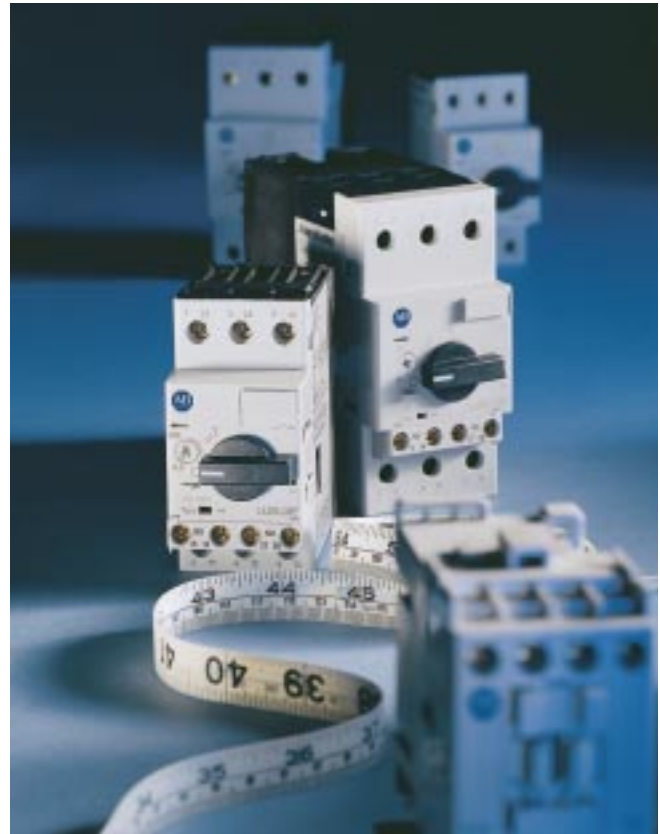
The Allen-Bradley Bulletin 140M Motor Protectors are the newest addition to the powerful Modular Control System products offered by Complete Automation™ supplier, Rockwell Automation. Coupled with an MCS contactor, the Bulletin 140M forms a space saving, Compact Combination Starter.

The 140M Motor Protectors are UL listed as self-protected combination motor controllers (Type E) and provide both short-circuit and overload protection for individual motor loads. This new UL listing eliminates the need for additional short-circuit protection and avoids the constraining rules required with traditional multi-motor (group motor) installations.

The Bulletin 140M Motor Protectors provide extremely high short-circuit breaking capacity with ratings up to 65 kA at 480 V. The 140M also features complete dimensional and electrical integration with Modular Control System components, easing assembly and handling.

Bulletin 140M Value-Added Features

- Two frame sizes — 25 A and 45 A both available with High Break and High Break PLUS short-circuit interrupting ratings
- UL listed as "self-protected" combination starters (Type E)
- Type 2 coordination without oversizing contactors
- Faster, easier mounting—complete starter assemblies can be snapped on one DIN-rail
- Vertical mounting saves space, allowing positioning of wiring channels close to the components
- Auxiliaries are easily fitted with no tools required



Spare Allen-Bradley



Bringing Together Leading Brands in Industrial Automation

Superior Functionality in a Compact Starter

The Allen-Bradley Bulletin 190 Compact Combination Starter includes a Bulletin 140M Motor Protector and Bulletin 100C contactor assembled to provide a single device. Together, this package is suited for use as a compact combination starter. The Compact Starter also features adjustable thermal (overload) trip and fixed magnetic (short-circuit) trip functionality.

Two Assembly Versions Available

The Bulletin 190 Compact Combination Starters is available in two versions.

The 190E is a cost-effective modular assembly consisting of a Bulletin 140M Motor Protector, Bulletin 100C contactor and a connector assembly

- Available up to 25 A with AC or DC coils
- Assembly of 140M with 100C or 100M contactors
- Uses the new 140M Connection Modules



The 190S is a factory configured starter with a compact footprint consisting of a Bulletin 140M Motor Protector and a Bulletin 100C contactor mounted into a mounting socket

- Available up to 45 A with AC or DC coils
- Assembly of 140M with 100C contactors on a special mounting socket
- Auxiliary contacts pre-wired to terminal strip at bottom of assembly

Both versions are available as reversing and non-reversing combination starters. Both may be panel mounted or mounted to one or two 35mm DIN-Rails.



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