

Eaton's wide range of Motor Control Gear and Heating and Lighting Control equipment is an integral part of our single source commitment.

Since the late 1920's we have built countless motor starters, fitted and trusted by generations of contractors, while the increasing requirements of our markets have led us to constantly update and expand our ADS range to allow for an increased choice of current ratings and ingress protection.

This wealth of experience and expertise in the design and manufacture of Motor Control Gear is mirrored by our Heating and Lighting range which offers a versatile and comprehensive choice.

Standards

- IEC 60947-4-1
- VDE 0660
- IEC 60269
- BS EN 60947-4-1

ADS8 AC motor starters



Enclosures – moulded

- 9kW DOL max
- Tough polycarbonate in grey provides high IP protection to IP65
- Start and stop pushbuttons
- Internal earth terminals
- Cable entries – 20mm knockouts for M20 threaded glands

Enclosures – metalclad

- Attractively styled rust protected pressed steel finished in grey polyester powder paint
- Start and mushroom-headed stop pushbuttons
- Substantial earth terminal
- Cable entries – 20mm knockouts for M20 threaded glands

Switch-disconnectors

- Means of isolation and switching for mechanical maintenance
- Padlocking facility available
- Isolators type tested for on-load disconnection
- Interlocked with main cover

Overload relays

- Adjustable thermal pattern connected directly to contactor
- Ambient temperature compensated between -40°C to +60°C
- Phase failure sensitive relays
- Changeover trip contact
- Simple Auto-reset

Contactors

- Modern block type
- 6–15 x 106 mechanical and 1.5 x 106 electrical operations – AC3 duty.
- Provisions for fitting additional auxiliary contacts either N/O or N/C – depending on version

Optional fittings and specials

- Provision for various optional fitments on standard starters
- Special starter arrangements



MSU pushbutton control units

- The Push Button Units are supplied with robust plastic enclosure to IP67, in one, two and three push button types.
- Complies with IEC/EN 60947-5
- Simplicity, versatility and robust construction successfully allied to attractive styling
- One, two and three button types available in a variety of configurations
- 3-button type M23MSUL supplied with 2 sets of button legends, FORWARD, REVERSE and UP, DOWN. The required legend should be clipped onto the button as required
- Each contact block comprises 1 – N/O and 1 – N/C contact
- Start units are push to make (N/O)
- Stop units are push to break (N/C)
- Latching device where fitted holds stop pushbutton in depressed position until latch is released by clockwise rotation of mushroom head.
- Various conduit knockout options on side and rear of enclosures

Autoline heating and lighting contactors



Open contactors

- 18A, 25A and 32A, 4-pole, with optional auxiliary contacts

Enclosed contactors

- 25A and 40A, 4-pole; 40A and 64A, 2-pole; 70A and 112A, single pole with fitted neutral link
- Robust pressed steel enclosures, rust protected with grey paint finish
- 220...240V units available with or without rectifiers for silent running
- 90-225A, 3-pole enclosed contactors can be supplied with switch-disconnector-fuse including HRC main fuses