



Line-Arc® Type M Contactor



Class 7004 Type M DC Contactor

Class 8503 Type M AC Contactor

Time-Proven Dependability

Providing long contact tip life and minimizing arc chute wear, the Type M contactor is a sturdy, mill-duty contactor that uses the Line-Arc® arc interrupting principle developed by EC&M in the 1930's. EC&M's rugged Type M contactor is 100% manufactured at the company's facility in St. Matthews, SC.

Ideal for Severe Conditions

The rugged construction of the Line-Arc® Contactor is ideally suited for heavy vibration and severe atmospheric conditions. The Line-Arc® is specially designed to eliminate surfaces that might accumulate conductive dust.

Ease of Maintenance

Type M contactors are designed for ease of maintenance, as all contactor parts are front-accessible. For easy contact tip inspection or replacement, the arc chute pivots upward.

EC&M's Line-Arc® Type M Contactors

Class 7004 DC Contactor

- Normally open and normally closed single pole
- NEMA sizes 1 to 8
- Up to 600 volts DC
- Open 8 hour amp rating 25A to 1350A
- Copper contact tips are standard

Class 8503 AC Contactor

- Normally open single pole
- NEMA sizes 2 through 8
- Up to 600 volts AC
- Open 8 hour amp rating 50A to 1350A
- Copper contact tips are standard

Accessories

- Electrical Interlocks
- Mechanical Interlock (for normally open only)
- Power Lugs - Size 3 and larger
- Contact tip kit - Includes tips and hardware for two (2) single pole contactors
- Silver faced contact tips are recommended for contactors that remain closed for extended periods.
- Tie Bar Kits — mechanically tie AC or DC single pole contactors together to create multi-pole contactors

Advantages

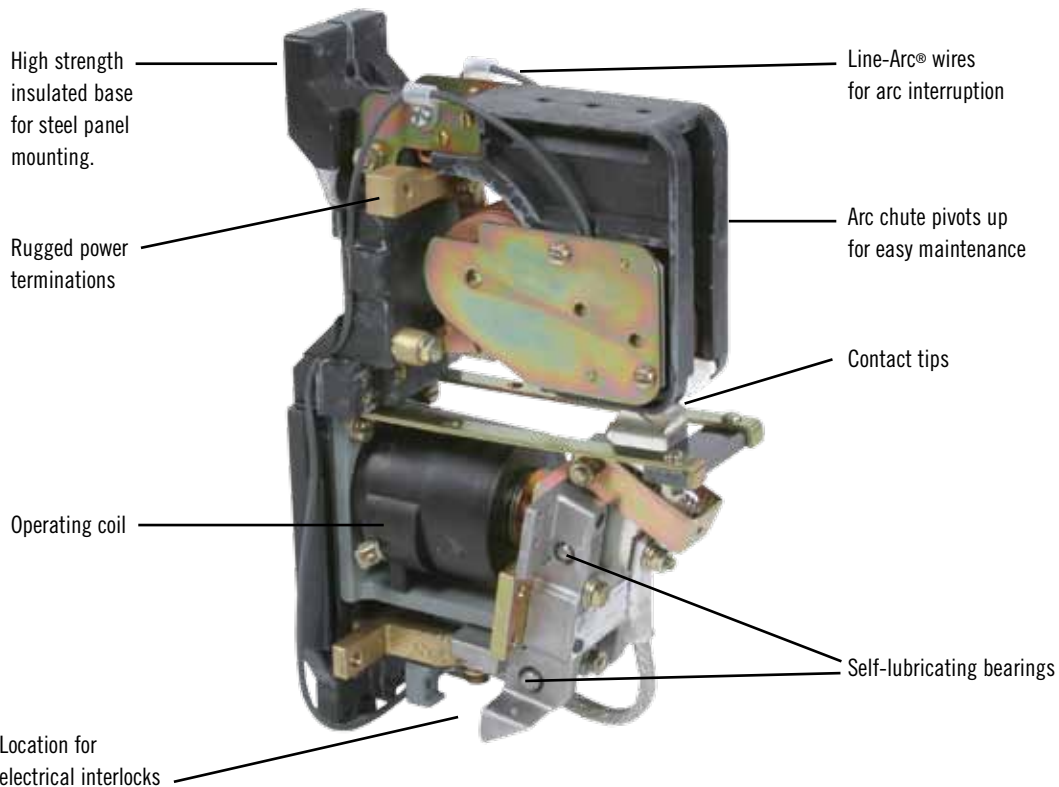
- Mill-Duty construction
- Front-connected
- High-strength insulating base for steel panel mounting
- Interchangeable movable and stationary contact tips
- Self-lubricating bearings in cast metal operating arms result in long mechanical life
- Robust power terminations on both sides of the contactor allow easy wiring of line and load connections
- Convenient wire access in the contactor base can be used for control wiring
- Electrical interlocks designed to permit easy access for inspection and maintenance
- Contacts are positioned to minimize dust build-up



The Electric Controller and
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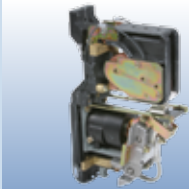
Rugged Mill-Duty Design. Line-Arc® Method of Arc Suppression.



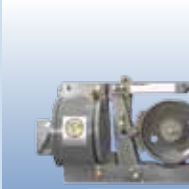
**DC/AC
Electromechanical
and Electronic
Crane Control**



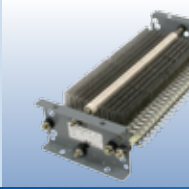
**Contactors,
Relays and
Master Switches**



**Brakes and
Limit Switches**



**Power Resistors,
Replacement Parts
and OEM Kits**



EC&M — For All Your Crane Control Needs

Let EC&M's 'Crane Gang' minimize your down-time and increase your up-time with best-in-the-industry application expertise and time tested products. From AC and DC drive control systems, to traditional AC and DC electromechanical contactor control, EC&M offers the most complete line of crane control products available.

Crane Control. What we do. All we do.



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