LOVATO Electric Expands BF Series with High-Power Contactors up to 630A AC3 / 500HP at 480V



LOVATO Electric expands its BF Series with high-power electromechanical contactors covering three-phase motor control currents from 420A to 630A in the AC3 category, or UL ratings from 350HP to 500HP at 480V. Engineered for demanding power applications, the new range brings high switching performance to panel builders and OEMs in an exceptionally compact footprint, extending the BF platform into a segment previously reserved for larger devices.

Despite their high ratings, these new contactors measure 190 millimeters (mm) in width for three-pole versions and 255 mm for four-pole versions, supporting more switching capacity within tighter enclosures. The IEC operating current Ith (AC1) ranges from 630A to 800A, providing reliable solutions across a broad set of power applications.

At the heart of these devices is an electronic coil that maximizes flexibility while reducing power consumption. Each contactor integrates:

- Integrated electronic control for consistent, dependable operation
- Built-in interference filter to protect surrounding electronics
- Wide supply voltage range, simplifying specification and inventory across projects

Completing the range is a variety of accessories, including front and side auxiliary contacts, mechanical interlocks, power terminal protections and connection kits for building wye-delta starters or changeover switches. Together, they ensure versatility and easy integration into a wide variety of systems.

The new high-power contactors join LOVATO Electric's proven BF Series, extending a portfolio that now covers rated currents up to 800A in AC1 and up to 630A in AC3 across three-pole and four-pole versions.

Learn more at: www.lovatousa.com.

About LOVATO Electric

For more than 100 years, LOVATO Electric has been designing and manufacturing low voltage electrical devices for industrial applications. Founded in 1922 in Bergamo (Italy), LOVATO Electric is a private

company managed by the same family of entrepreneurs for 4 generations. The company started from the dawn of electrical engineering to today's mix of electronics, automation and software. The wide range of products is designed, industrialized, tested and built by LOVATO Electric according to the highest quality standards.

A team of designers and researchers develops innovative and reliable products using the most modern software tools available on the market and an internal test laboratory (accredited in accordance with EN ISO/IEC 17025) carries out tests according to national and international standards. The successes collected over time on national territory have allowed the company to open 15 branches abroad and a network of over 90 importers that today guarantee the availability of LOVATO Electric products over 100 countries in the world. The group currently has 700 employees worldwide.

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