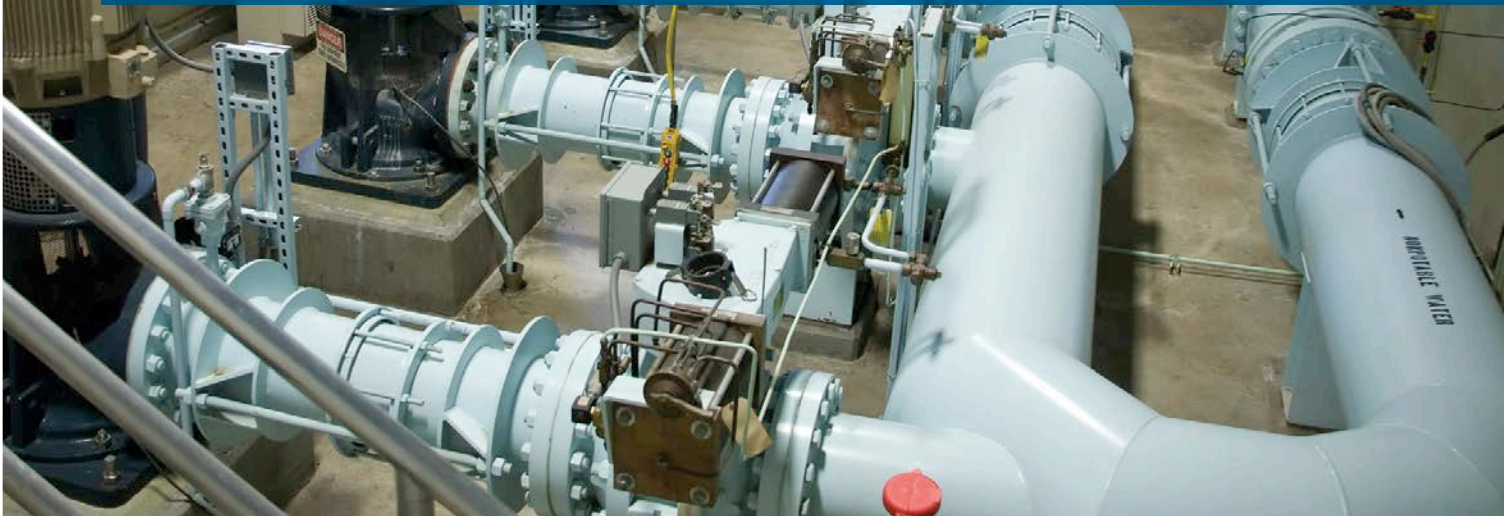


**XT IEC control**  
Booster pump applications



# Protect and improve your pumping system

Eaton's line of XT IEC contactors, motor protectors, overload relays and starters are engineered with your pumping application in mind. With a robust design, high reliability and product efficiency, XT can give you the high-end performance that your customers expect in a quality pumping system.



Reliable	Energy efficient	Ease of use	Service and support
<ul style="list-style-type: none"> <li>• Contactors rated to 5M mechanical / 1.2M electrical operations with a life of 25 years</li> <li>• Tested and compliant to IE3 requirement for premium efficiency motors</li> <li>• Industry-leading contactor temperature range of -40 °C to +60 °C</li> </ul>	<ul style="list-style-type: none"> <li>• Efficient coil design is standard on all contactors, reducing power supply and panel space requirements</li> <li>• Electronic motor protector generates significantly less heat than bimetallic overload protection</li> </ul>	<ul style="list-style-type: none"> <li>• Contactors with dual box lug terminals provide simple, secure wiring of differently sized cables</li> <li>• Interchangeable trip units standard on electronic motor protectors</li> <li>• Fast and simple tool-less assembly of reversing contactors and combination motor starters</li> </ul>	<ul style="list-style-type: none"> <li>• Field-replaceable components for reduced pump system downtime</li> <li>• Front-access coil terminal allows for safe contactor service without exposure to line voltage</li> <li>• Full technical product support through Eaton's Technical Resource Center</li> </ul>



**Product range**  
Up to 690 V  
7-1600 A  
Up to 1200 hp





## Protect your pumping system

- **XT** motor protectors are specifically designed to protect today's efficient pump systems with increased short-circuit trip levels from 14x to 15.5x, reducing the wear and tear on the pump during startup and increasing the life of the pump
- The **XT** electronic motor protector can be used with any motor insulation class. It has an adjustable dial that can protect Class 5, 10, 15, and 20 insulation motors, all through using one device
- **XT** contactors can be easily mated to the XTOE electronic overload relay, which provides best-in-class protection of pump motors, including phase loss and ground fault protection. Motor sizing is easy through the widest protection range in the industry



## Reduce the cost of your pump control system

- All **XT** contactors come standard with low consumption coils, reducing the amount of energy consumption inside the pump panel. This results in both a reduction in cost of the control power transformer and a smaller, less expensive panel enclosure. **XT** contactors also come with the smallest footprints in the industry
- **XT** provides a full line of combination motor controllers. These are full combination starters that offer a 60% space reduction over traditional starters that use a breaker/fuse feeding a contactor and overload. **XT** motor controllers can be combined with commoning links, greatly simplifying the wiring process of your pump panel
- All DC-powered **XT** contactors come with built-in surge suppression, eliminating the need for surge protection devices with a larger depth



## Service your pumping system

- All **XT** contactors come with front-mounted coil terminals, allowing for easy access for the service technician to test the contactor without being exposed to dangerous line voltage inside the pump vault
- All **XT** contactors come with dual box lug terminals, allowing for simple and secure wiring without worrying about poor connections from using differently sized wires
- **XT** electronic motor protectors offer a wide range of current protection, allowing you to easily size the starter to the motor size by changing a dial instead of swapping out the motor protector

**Eaton**  
1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
Eaton.com

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