

Magnum switchgear with Series NRX breaker integration



When building space is at a premium, or when system upgrades require additional building loads, equipment dimensions can present a challenge. To meet this challenge, Eaton offers Magnum™ low-voltage switchgear with Series NRX™ breaker integration.

Features

- Up to eight 800 ampere UL® 1066 circuit breakers in a 24-inch-wide UL 1558 switchgear assembly
- Two Series NRX breakers can be mounted side-by-side in the same space typically used for a Magnum DS breaker
- Dedicated breaker secondary terminal blocks are easily accessible while keeping the breaker doors closed
- Breakers have a drawout design that allows for through-the-door racking
- One-piece molded support for load-side bus in cable compartment
- 100,000 ampere bus bracing as standard, with option for 150,000
- Electronic trip unit innovation including Arcflash Reduction Maintenance System™

Benefits

- Space savings of up to 45 percent
- Arc-flash reduction capabilities
- Through-the-door design, allowing full breaker operation with door closed
- Increased flexibility in layout due to ability to mix Magnum DS and Series NRX breakers in a single structure
- Rogowski sensors are rated between 200 and 1200 amperes, meaning that sensors do not need to be replaced for breaker upgrades

Standards

- UL 1066, UL 489, UL 1558, UL 891
- ANSI C37.51, C37.50, C37.20.1, ANSI C37.17
- ANSI C37.15 listed for low-voltage equipment



Powering Business Worldwide

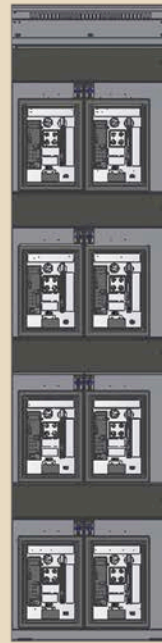
Flexibility: Magnum switchgear with Series NRX—rear access configurations



Main with feeders
One MDS and four Series NRX feeders in 24-inch structure



Tie with feeders
One MDS and six Series NRX feeders in 24-inch structure



Feeders only
Eight feeders in 24-inch structure



Feeders only
Two MDS feeders and four Series NRX feeders in 24-inch structure

Standard Magnum feeder sections
Two 22-inch structures with four MDS breakers



Two 18-inch structures with four MDN breakers



Series NRX feeder section
One 24-inch structure with eight Series NRX breakers



Tight on Space?
Series NRX is the Solution

Larger



Smaller

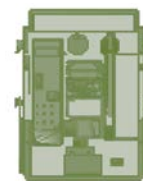
Footprint Reduced By 45%



MDS



MDN



NRX

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