Connection flexibility in a compact air circuit breaker

Eaton’s front connect Series NRX® NF fixed-frame air circuit breaker (ACB) offers front access to connections, while allowing customers the ability to connect to the breaker with a variety of busbar and/or cable terminations. This provides customers with design and maintenance flexibility in applications up to 1200 A. The advanced communications modules and trip unit features within the Series NRX product line improve safety and control of a compact footprint specifically for UL® 489/891 applications. Also, the Series NRX Digitrip™ 520M and the 1150 electronic trip units offer the patented Arcflash Reduction Maintenance System™ capabilities, giving customers faster than instantaneous protection.

Application
Intended for engine generator, commercial and industrial distribution, or emergency backup power and isolation applications, the Series NRX NF front connect fixed breaker reduces maintenance time and costs by offering easily accessible connections with replaceable parts, plug-and-play accessories and field-upgradable trip units.

Features and benefits
• Front access to the breaker line and load connections reduces the depth of the breaker for an overall smaller footprint, offering customers space savings
• The Series NRX front connect breaker allows customers to use a variety of bus, cable terminal or compression type terminations with improved front-end accessibility for ease of installation and maintenance
• Featuring an integral motor operator (optional), advanced trip unit and the new Power Xpert® Protection Manager trip unit configuration PC Tool (for use with 1150 trip units only), the breaker improves control while simplifying customer setup and configuration
• Field-replaceable parts and plug-and-play accessories improve serviceability for longer breaker life

Series NRX low voltage circuit breakers
Leadership in circuit protection
UL 489 ratings for Series NRX front connect

<table>
<thead>
<tr>
<th>Description</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous current rating (amperes)</td>
<td>800, 1200 A</td>
</tr>
<tr>
<td>Interrupting ratings (kA)</td>
<td>42, 50 and 65 kA</td>
</tr>
</tbody>
</table>

Why Eaton

The world’s demand for power continues to increase. Eaton is helping customers do more with less energy, while also improving the reliability of critical systems and processes.

Eaton's Series NRX low voltage air circuit breakers are used globally in low voltage power distribution applications. The Series NRX NF front connect breaker offers improved safety and control in a very compact footprint for UL 489/891 applications.

Series NRX dimensions in inches (mm)

Series NRX NF fixed-frame front connect air circuit breakers save space and reduce maintenance time without sacrificing safety and control. To learn more, visit Eaton.com/seriesnrx