

Mns switchgear busbar compartment height dimensions



Overview

Independent main busbar compartment is on the top part which is separated from the device compartment. In no event shall ABB be liable for direct, indirect, special, incidental, or consequential damages of any nature or kind arising from the use of this document, nor shall ABB be liable for incidental or consequential damages arising from use of any software. The MNS R frame is based on modular 2 mm thick still C sections, pre-drilled at a pitch of 25 mm. The switchgear is pre set for easy extensions on both sides. The ends are designed to allow installation of future sections. With a rated voltage of up to 1000 V AC or 1500 V DC and a rated current of up to 6300 A, it offers exceptional performance and reliability. This together with the global service and support network established in over 30 manufacturing locations world wide ensures that the choice of MNS® will be the EC 61439 -1/2.

Article Content

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Specific dimensions are given for equipment ratings up to 6,000 amps. Notes provide additional information on cable ways and heights required for molded case circuit breakers.

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Technical Info

MNS® low voltage switchgear is an electrical device suitable for indoor installation, the protection degree of the switchgear can be as high as IP54 under other operation environments.

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MNS 3.0 Low Voltage Switchgear Brochure

Explore the MNS 3.0 Low Voltage Switchgear by ABB. Learn about its features, applications, technical data, and safety aspects. Ideal for professionals.

Feb 08, 2026

ABB MNS R System Manual | Manualzz

The busbar compartment is located in the middle section of the switchgear. Main busbars can be located at the top, in the centre or at the bottom of the panel depending on the selected design and they ...

Dec 22, 2025

MNS LIGHT SR

The horizontal busbars are placed at the top of the switchgear and/or at the bottom. They are connected with screwed joints between each cubicle unit, thus simplifying assembly, replacement and extension.

Jun 01, 2026

TECHNICAL INFO MNS 3.0 Low Voltage Switchgear

For applications where a 100% neutral size is required due to unbalance or harmonic distortion, the neutral conductor can be arranged within the busbar compartment running in parallel with the main ...

Apr 05, 2026

MNS Low Voltage Switchgear System Guide

For applications where a 50% or 100% neutral size is required due to unbalance or harmonic distortion as well as for 4 pole switching, the neutral conductor can be arranged within the busbar compartment ...

Jun 02, 2026

Application Guide MNS-SG Low Voltage, Metal-Enclosed, ...

The bus bar system is installed in the middle compartment of the switchgear vertical sections and includes the main horizontal bus bar system (with neutral bus when required), vertical distribution ...

May 12, 2026

SYSTEM GUIDE MNS Rear Low voltage switchgear

For applications where a 100% neutral size is required due to unbalance or harmonic distortion as well as for 4 pole switching, the neutral conductor can be arranged within the busbar compartment ...

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MNS-R System Guide | PDF | Switch | Alternating Current

The physical size of the modules are based on the standard grid dimension of E = 25mm. The standard sizes of withdrawable modules are 8E/4, 8E/2, 6E, 8E, 12E, ...

Contact Us

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