

MaxSG Switchgear

ABB's Advanced Solution for Low Voltage Power Distribution

Introduction

As a North American UL1558 listed product, the MaxSG follows the ABB global vision of products providing advanced solutions to meet the needs and stresses of today's manufacturing environment.

The MaxSG is designed to capitalize on the functionality of the world renowned Emax power circuit breakers. The Emax breaker is designed and constructed to provide superior power distribution, protection, monitoring, and control.



Key Features

Globally Recognized Emax Power Breaker

The Emax breaker offers a wide range of features such as:

- Modular trip units: PR121, PR122, and PR123
- Modbus Communication Capabilities
- Common set of accessories between all frame sizes
- Padlocking provisions in test, disconnect, and connect position
- Key locking control
- Kirk Key Interlock provisions
- Safety Shutters

Enhanced Safety

The MaxSG enhances the world renowned breakers with additional safety features as:

- Closed door racking with no front door ventilation
- Maintenance Switch option to allow protection while servicing equipment
- REA Arc Flash System solution for diminishing arc flash duration
- Infrared windows for thermal readings
- Optional barriers for increase personnel protection

Technical data

Rated operating voltage	240Vac, 480Vac, 600Vac
System phases	3 phase, 3 wire 3 phase, 4 wire
Frequency	50/60 Hz
Short circuit current	65kA, 100kA
Voltage and Insulation	2.2kV rms
Enclosure Ratings	NEMA 1, 1A, 3R Walk In
Rated current	
horizontal busbar	2000A, 3200A, 4000A
vertical busbar	2000A
neutral	100% rated
Cubicle Dimensions	
width	19.7", 23.6", 31.5", & 39.4"
height	91.7"
depth	68.9" & 59.1"
Material	
frame and enclosure	galvanized
busbars	copper silver or tin plating
insulated parts	thermal-contractile
Finish	
frames and enclosure	galvanized
compartment interiors	galvanized
enclosure, outside	ANSI 61 light grey solid

Contact us

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Find USA Authorized Distributors
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