



Air Insulated Ring Main Unit

MXGN-24/36 Series

Air-insulated Ring Main Unit

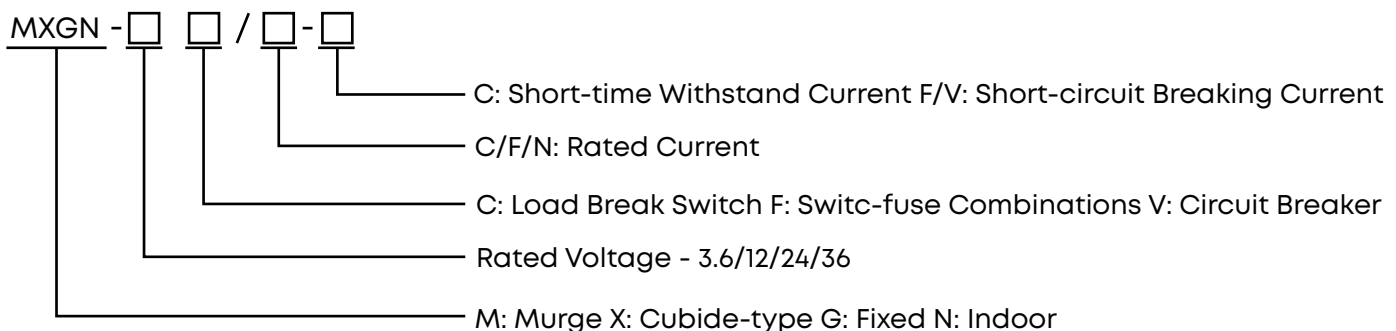


Technical Parameters

MXGN-24/36 Series Air-insulated Ring Main Unit

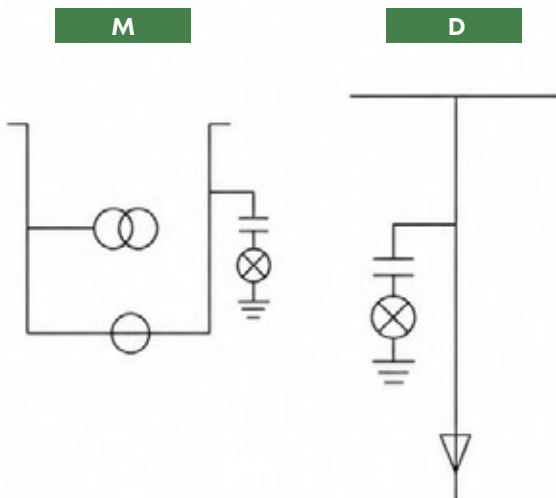
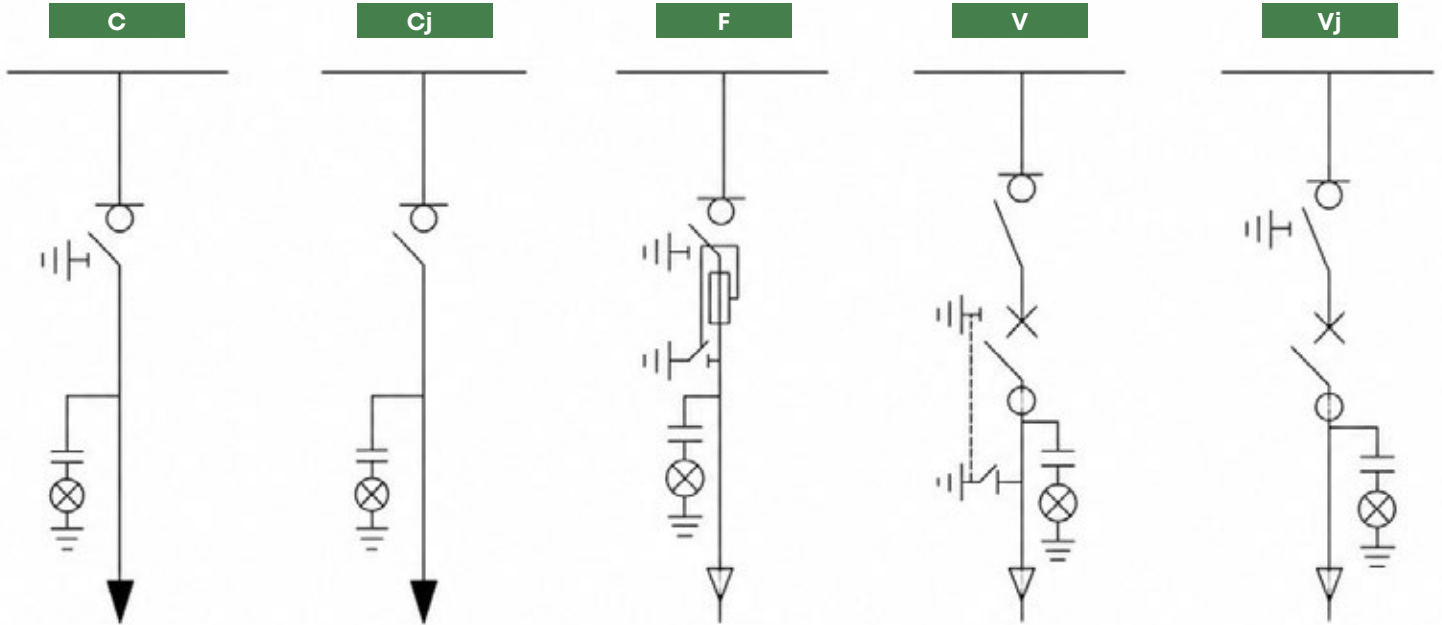
Sr.No.	Description	Unit	Parameters	
1	Rated voltage (Ur)	kV	24	36
2	Rated frequency (fr)	Hz	630	630
3	Rated current (Ir)	A	60	60
4	Rated short-time power-frequency withstand voltage/1 min (phase-to-phase & to-earth/across the isolating distance)	kV	50/60	70/80
	Rated lightning impulse withstand voltage (phase-to-phase & to-earth/across the isolating distance)	kV	125/145	170/195
5	Rated short-time withstand current(Ik/Ik)	kA/s	20/3	16/1
6	Rated peak withstand current (Ip)	kA	50	40
7	Rated short-circuit making current	kA	50	40
8	Rated transfer breaking current	A	1400	630
9	Rated closed-loop breaking current	A	630	630
10	Maximum rated current of the fuse	A	200	63
11	Main switch	Ops	M2(5000)	M1 (1000)
	Earthing switch	Ops	M1 (2000)	M1 (1000)
12	Electrical endurance	/	Class E3	Class E3
13	IAC class	/	A-FL 16kA/1s 20kA/1s	A-FLR 16kA/1s
14	Degree of protection	/	IP4X	IP 3X (ASTA)

Product Model



Basic Modular

Configuration



Applicable Standards

IEC 62271-200 High-voltage Switchgear and Controlgear – Part 200:
AC Metal-enclosed Switchgear and Controlgear for Rated Voltages Above 1 kV
and Up to and Including 52 kV;

IEC 62271-105 High-voltage Switchgear and Controlgear – Part 105:
High-voltage Alternating Current Switch-Fuse Combinations;

IEC 62271-102 High-voltage Switchgear and Controlgear – Part 102:
Alternating Current Disconnectors and Earthing Switches;

IEC 62271-103 High-voltage Switchgear and Controlgear – Part 103:
High-voltage Alternating Current Load Break Switch;

IEC 62271-1 Common Specifications for High-voltage Switchgear and Controlgear.

Functions

Descriptions

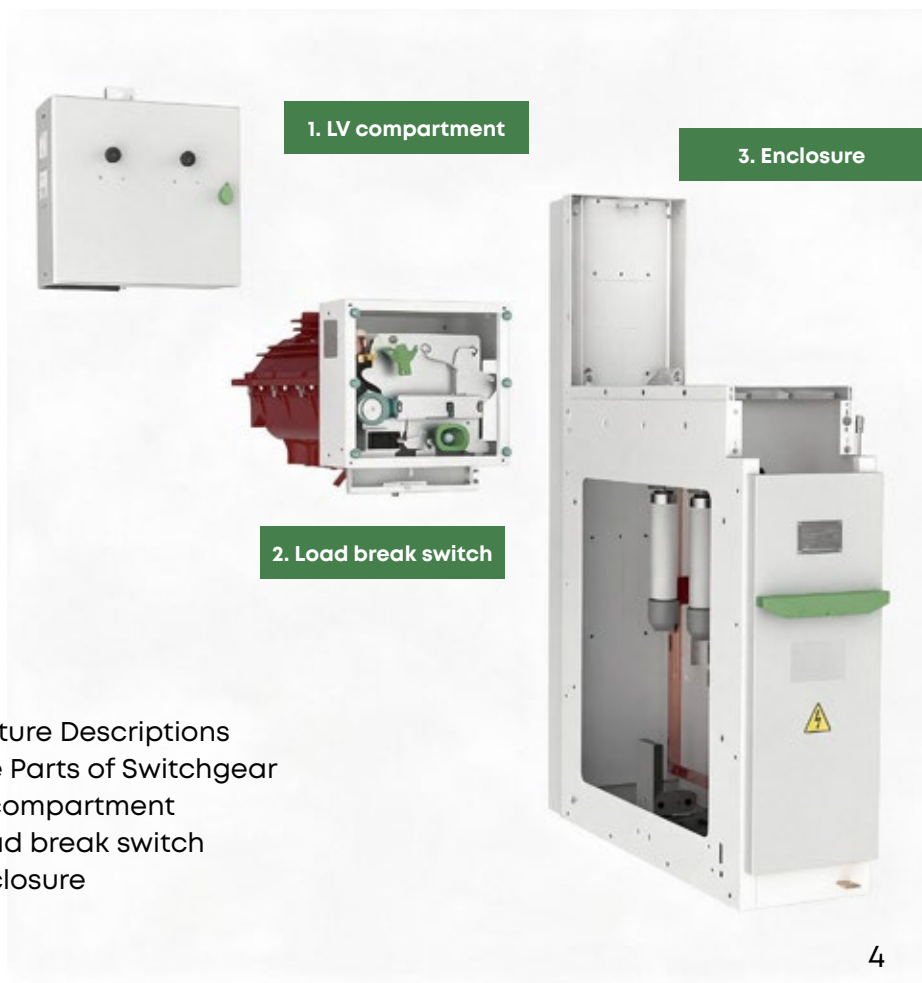
Appearance



MXGN-24

MXGN-36

MXGN



- Structure Descriptions
Three Parts of Switchgear
1. LV compartment
 2. Load break switch
 3. Enclosure



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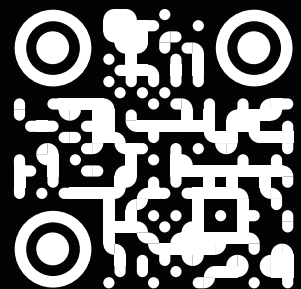
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