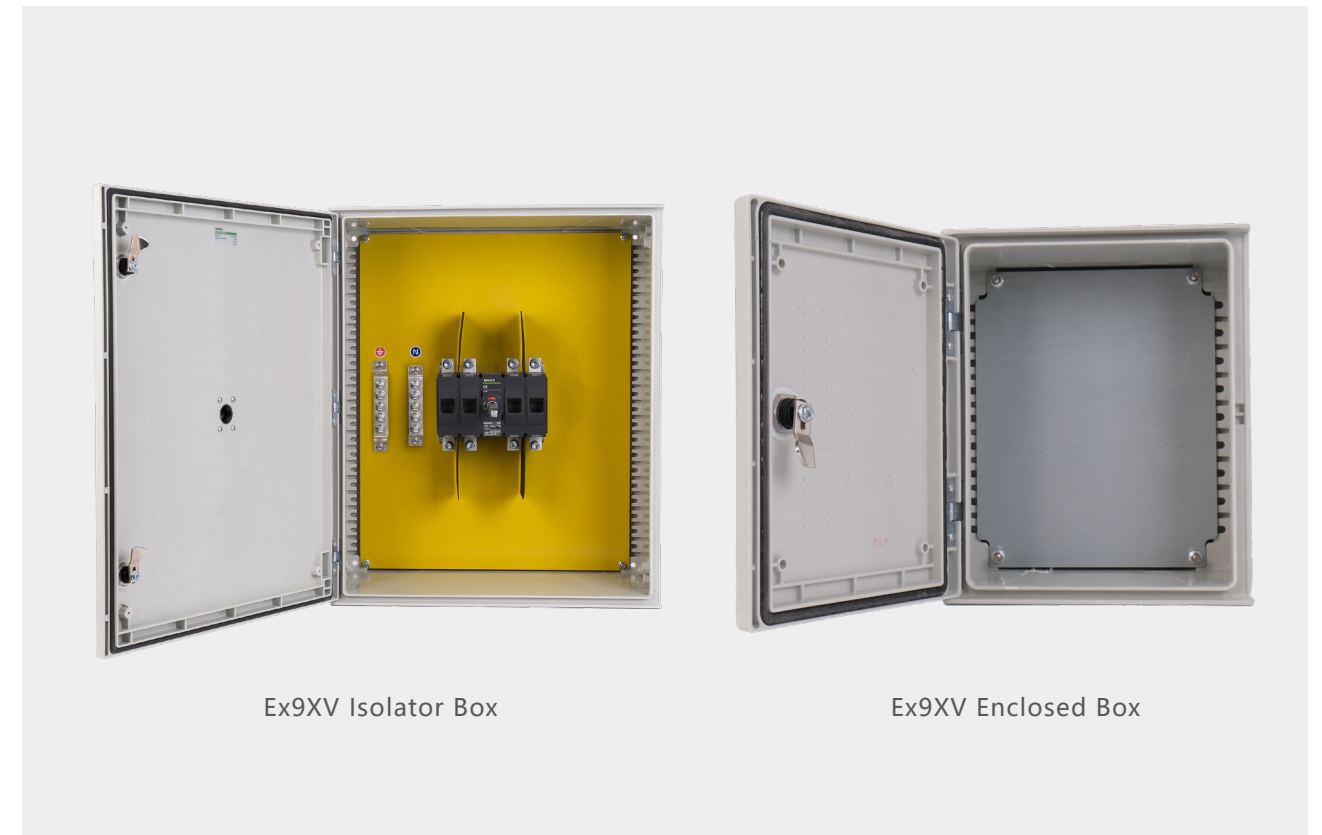


NOARK



Ex9XV Isolator Box & Enclosed Box



Product general description

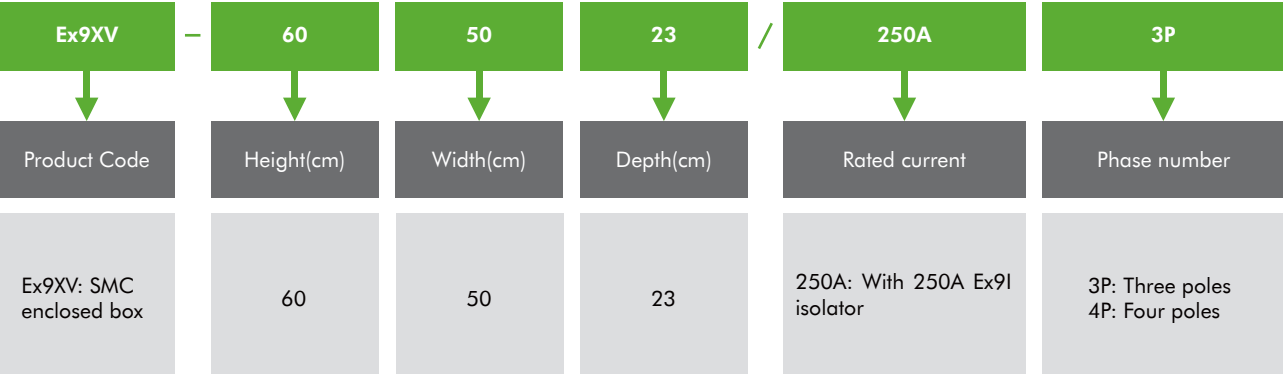
Ex9XV isolator box is internally installed with Noark Ex9I-250HV series isolator. Enclosure is made of SMC (Sheet Molding Compound) material, featuring lightweight, fire retardancy, excellent insulating properties, and strong corrosion resistance. With a protection class of IP65, it is suitable for various indoor and outdoor environments.

Ex9XV provides comprehensive protection for internal component such as isolator, thus ensuring stable operation in complex environments, extending service life, and reducing maintenance costs. It is widely applied in scenarios including new energy, automatic control, marine shore power systems, port terminals, charging piles, and power facilities.

Features

- Reinforced SMC enclosure structure
- High impact resistance and flame retardancy
- Interlocking protection for door and lock: When the isolator switch is in the ON position, the door interlock device automatically locks the cabinet cover to prevent unauthorized opening
- Handle padlock design: Supports installation of up to 3 padlocks
- Protection class: IP65
- Convenient installation and operation
- Large-size cabinet design provides ample wiring space and equipment installation allowance, reducing engineering complexity

Product Model Selection



Parameters

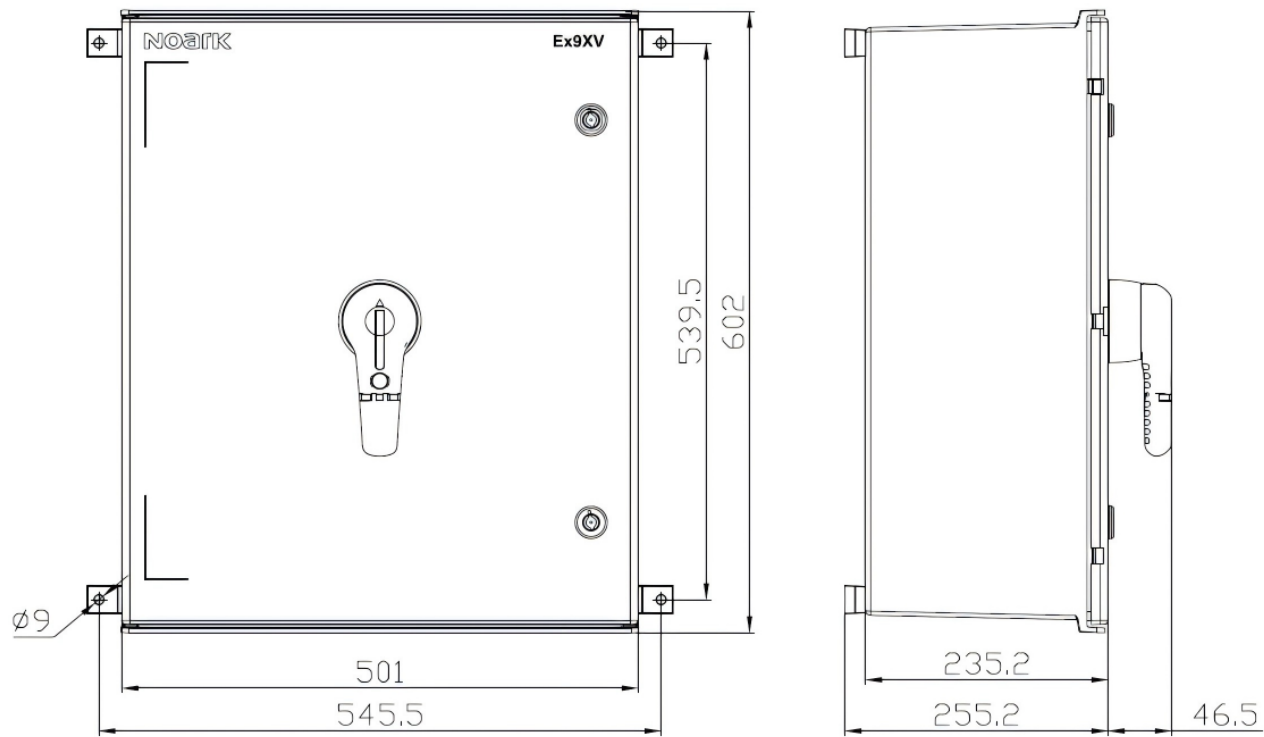
Enclosure parameter

No.	Item	Parameter
1	Material	SMC
2	SMC Flammability Rating	UL 94-V0
3	IP	65
4	Altitude	≤ 2000m
5	Operating Ambient Temperature	-30°C ~ +70°C
6	Standard	IEC 62208
7	Installation Requirements	Installation Category III , Pollution Degree 3

Ex9I-250HV Isolator

No.	Item	Parameter
1	Rated Voltage Ue (V)	415V~1140V AC
2	Rated Insulation Voltage Ui (V)	1500V AC
3	Rated Impulse Withstand Voltage Uimp (kV)	12kV
4	Frequency	50/60Hz
5	Rated Current Ie (A)AC-21A/22A AC415~1140V	250
	Rated Current Ie (A) AC-23A AC415~690V	250
	Rated Current Ie (A) AC-23A AC800V	160
	Rated Current Ie (A) AC-23A AC1000~1140V	125
6	Number of Poles	3P/4P
7	Rated Short-Time Withstand Current Icw	10kA/50ms; 8kA/1s
8	Rated Short-Circuit Making Capacity Icm (Peak)	17KA
9	Mechanical Endurance (Cycle)	8000
10	Electrical Endurance (Cycle)	200
11	Ingress Protection	Complete Machine with IP20/ External Handle with IP65
12	Position Indication	Dual Indication of Handle and Contact
13	Operation Method	Front-External operating
14	Altitude (m)	≤ 2000
15	Minimum Cross-sectional Area of Copper Cable (mm²)	50mm²x1
16	aximum Cross-sectional Area of Copper Cable (mm²)	185mm²x1
17	Terminal Tightening Torque (N*m)	15~22

Dimensions (mm)



Ex9XV Isolator Box

Order code list

Model	Order code
Ex9XV 6050/23 250A 3P	850368
Ex9XV 6050/23 250A 4P	850369