



HECON EVO

Switchgear – SWG

Hecon EVO SWG is a power distribution application that allows end users to distribute currents of up to 5000 A on the main busbar while providing top-tier equipment protection. It offers short circuit withstand currents of up to 100 kA RMS, ingress protection up to IP 54, and personnel safety via IK 10 and form 4b.

Hecon EVO SWG is derived from the HECON EVO modular enclosure system, which fully complies with the IEC 61439-1/2 standard, ensuring reliable and stable power distribution for end users with the highest focus on personal safety.

5000 A
In
100 kA
Icw
220 kA
Ipk
10
Ik
54
IP

TECHNICAL INFORMATION:

Form factor	2a, 2b, 3a, 3b, 4a, 4b
Main busbar material	Cu or Al
Main busbar current	5000 A
Distribution busbar current	2600 A
Main busbar short circuit withstand Cu (Icw/Ipk)	100 kA @ 1 sec / 220 kA
Distribution busbar short circuit withstand Cu (Icw/Ipk)	70 kA @ 1 sec / 154 kA
Main busbar short circuit withstand Al (Icw/Ipk)	50 kA @ 1 sec / 110 kA
PE short circuit withstand Cu (Icw/Ipk)	65 kA @ 1 sec / 143 kA
Earthing system	TNC-S, TNC, TNS

AVAILABLE DIMENSIONS

Height	Width	Depth
1800 mm	-	600 / 800 mm
2000 mm		
2200 mm		

TYPE TESTED FUNCTIONAL UNITS

Manufacturer	Type	Type designation
Siemens	MCCB	3VA
Siemens	ACB	3WA

STANDARDS

IEC 61439-1/2	Low-voltage switchgear and controlgear assemblies
IEC 62208	Empty enclosures for low-voltage switchgear and controlgear assemblies



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General purpose applications (GPO)

Hecon EVO GPO provides end users with tailored control or automation applications designed to meet their specific electrical and mechanical needs.

Hecon EVO GPO is derived from the HECON EVO modular enclosure system, which fully complies with IEC 62208 and IEC 61439-1/2 standards, ensuring reliable and stable power distribution for end users, with the highest focus on personal safety.

10

Ik

54

IP

AVAILABLE DIMENSIONS

Height	Width	Depth
1800 mm	400 / 600 / 800 mm	600 mm
2000 mm		
2200 mm		

STANDARDS

IEC 61439-1/2	Low-voltage switchgear and controlgear assemblies
IEC 62208	Empty enclosures for low-voltage switchgear and controlgear assemblies

SALES KEY POINTS FOR HECON

- Modular and flexible construction
- Engineering and Assembly efficient
- Complete type tested according to IEC 61439-1/2
- High consistent quality level
- Cost effective

