

GIGAVAC®



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Hermetic Battery
Disconnect

HBD31



FEATURES

- > Hermetic seal breakthrough patent pending technology
- > Meets CE conformance standards - CE Approved
- > Sealed contacts ensures low voltage drop
- > Fiber composite housing and hermetic seal prevent corrosion inside and out
- > Lock-out / Tag-out meets OSHA requirements
- > Ideal for heavy truck, military, construction, material handling, and off-road vehicles
- > Available with continuous ratings of 200A (HBD21), 300A (HBD31), and 400A (HBD41)

ADVANCED SWITCHING SOLUTIONS

PRODUCT SPECIFICATIONS

Specifications	Units	Data
Contact Arrangement	Form X	SPST
Voltage, Test Max, 1 Minute	Vdc	5000
Voltage, Operating Max ¹	Vdc	1000
Current	Continuous Carry, Max	A 300
	Overload, 1 Minute	A 2,000
	Make and Break, 300A @ 24Vdc	Cycles 5,000
Voltage Drop, Max	mV	50
Vibration, Sinusoidal (18-500Hz Peak)	G	20
Temperature, Operating Range	°C	-55 to +85
Weight	g	500
Environmental Seal (Exceeds IP69)		Hermetic

PART NUMBER SYSTEM

HBD31	A	A
Mounting	A=Flange, 100mm	
Handle		A=Red, non-removeable
		B=Black, non-removeable

Notes:

1 For make/break switching above 100V, please contact GIGAVAC.

