



## 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
<b>Contact Arrangement</b>	Form X	SPST
<b>Voltage, Test Max, 1 Minute</b>	Vdc	5000
<b>Voltage, Operating Max<sup>1</sup></b>	Vdc	1000
<b>Current</b>		
Continuous Carry, Max	A	400
Overload, 1 Minute	A	2,000
Make and Break, 400A @ 24Vdc	Cycles	5,000
<b>Voltage Drop, Max</b>	mV	50
<b>Vibration, Sinusoidal (18-500Hz Peak)</b>	G	20
<b>Temperature, Operating Range</b>	°C	-55 to +85
<b>Weight</b>	g	400
<b>Environmental Seal (Exceeds IP69)</b>		Hermetic

### PART NUMBER SYSTEM

HBD41	A	A
<b>Mounting</b>	A=Flange, 100mm	
<b>Handle</b>		A=Red, non-removeable B=Black, non-removeable

#### Notes:

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

