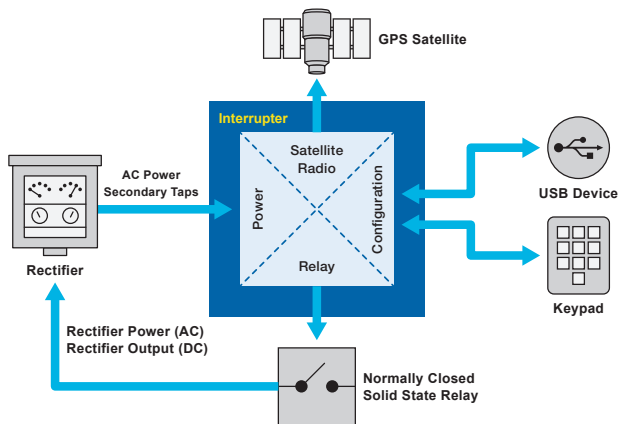


## Bullhorn® Solid-State Relays

# Maintain Impressed Current for Cathodic Protection, Even with Interrupter Power Loss



Our solid-state relays are built to withstand the elements, and optimized for cathodic protection applications. Our unique Transient Voltage Suppression (TVS) technology allows relays to switch higher currents than similar products on the market.

Key benefits are listed below. Order solid-state relays from the AI online store 24/7: [store.aiworldwide.com/relays](https://store.aiworldwide.com/relays)

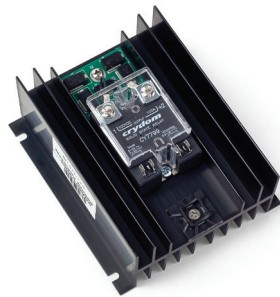
- **Compact** – Our solid-state relays are small enough to fit inside most rectifiers.
- **Compatible with MicroMax™ Current Interrupters** - They work seamlessly with all AI interrupters and interruption-enabled Bullhorn remote monitoring units.
- **Solid-state functionality** – Solid-state relays operate with lower control current than mercury devices, have faster cycle times, and last longer.
- **Transient Voltage Suppression Technology** – AI-designed TVS technology absorbs the inductive energy released during on/off switching and allows the relay to switch much higher currents than previously available.

# Bullhorn Solid State Relay Specifications

	<b>80 A AC Solid State Relay</b>	<b>100 A AC Solid State Relay</b>	<b>20 A DC Solid State Relay</b>	<b>100 A DC Solid State Relay</b>
Load Current:	0-80 A AC Temp: >40°C	0-100 A AC Temp: >55°C	0-20 A DC	0-100 A DC Temp: >40°
Load Voltage:	24-280 V AC	24-280 V AC	0-100 V DC	0-100 V DC
Control Current:	30mA max @ 12 V DC	30mA max @ 12 V DC	22mA max @ 12 V DC	22mA max @ 12 V DC
Relay Type:	NC	NC	NC with Power	NC with Power
Compliance:	Certified to UL, CSA, VDE, CE	Certified to UL, CSA, VDE, CE	Designed to UL, CSA, VDE, CE	Designed to UL, CSA, VDE, CE
Dimensions:	4.75" W x 5.5" L x 2.63" H	6" W x 6" L x 4.52" H	1.8" W x 3.91" L x 2.7" H	4.75" W x 5.5" L x 2.63" H
Power Input:	Not required	Not required	8-20V AC or 7-30 V DC	8-20V AC or 7-30 V DC
TVS:	No	No	Yes	Yes
Control Voltage:	30-32 Vdc	30-32 Vdc	3.5-30 Vdc	3.5-30 Vdc



80A AC Solid-state



100A DC Solid-state



20A DC Solid-state



100A AC Solid-state

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