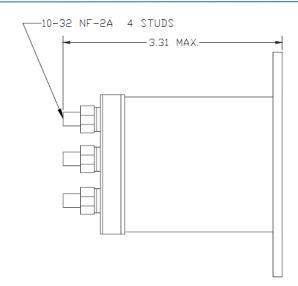
## **Product Catalog**

National Patent Analytical Systems, Inc.

CAGE 0U8Z9 2090 Harrington Memorial Rd Mansfield, OH 44903 www.npas.com (419) 526-6727

## G-1082-743HA-R, Relay - Battery Charger NSN: 5945-00-999-4893

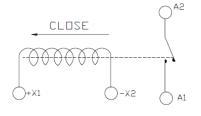


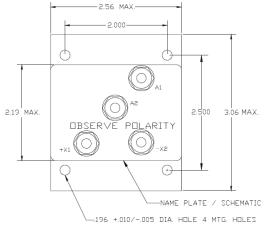


Actual product may differ from image shown.

## **Product Overview:**

- Tight tolerances on Pickup and Dropout voltages for rigid control over battery charging circuits
- Light weight
- 3 amp load capacity
- Contact NPAS for specific needs and customizable options.





## **Performance Specifications**

Coil Data		Contact Data						
Nominal Voltage	28VDC		Main		Auxiliary			
Pickup	16 ±1 VDC	Arrangement	SPST NO			N/A		
Dropout	11 +1, -2 VDC	Rating	Life (cycles)	28VDC (amps)	200VAC (amps)	Life (cycles)	28VDC (amps)	115VAC (amps)
Coil Resistance	-	Resistive	50,000	3	-	-	-	-
Coil Current	-	Inductive	-	-	-	-	-	-
Suppression	-	Motor	-	-	-	-	-	-
Duty	Continuous	Lamp	-	-	-	-	-	-
	Electrical Data	Rupture	-	-	-	-	-	-
Insulation Resistar	ice ≥100MΩ @ 500VDC min	Mechanical	100,000	-	-	-	-	-
Dielectric Strength (sea level)		Voltage Drop	100mV					
Contacts to Groun	d 1050Vrms	Contact Resistance	-					
Between contacts	1050Vrms	Timing	-					
Coil to Ground	1050Vrms	Release	-					
Environmental Tr		Transfer	-					
Temperature rang	e <mark>-</mark>	Bounce	-					
Altitude	-	Mechanical Data						
Shock	-	Weight	11 oz.					
Vibration, sinusoid	al -	Specifications IAW	Meets materials and workmanship requirements of MIL-PRF-6106					