

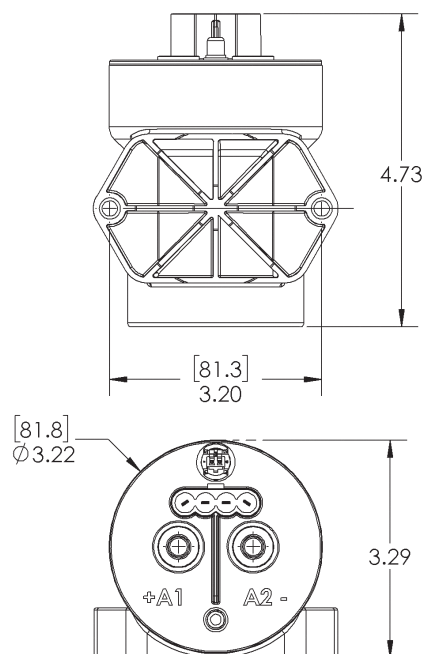
GIGAVAC®

ADVANCED SWITCHING SOLUTIONS

1000V
GFC600
PyroTactor™

Available Q1 2019

Bi-Directional High Voltage Battery Disconnect and Contactor Combination with Passive & Active Triggering



PRODUCT SPECIFICATIONS

Specifications	Units	Data
Rated Voltage	Volts	1000
Continuous Current Rating at 85C	Amps	600
Max Interrupt Current at 1000V & 27μH - Fuse	Amps	10,000
Max Interrupt Current at 1000V & 27μH - Contactor	Amps	2,000
Max Contact Resistance	mΩ	.20
Max Clear Time	mS	2
Operating Temperature	C	-40 - +85
Shock: 1/2SINE, 11mS	G's	25
Vibe: Sinusoidal (500-2000Hz Pk)	G's	25
Storage Temperature	C	-40 - +85
Weight	grams	<800
Self Triggering Current Tolerance	Amps	+/- 100
Minimum Dielectric After Trigger	MΩ	5

GFC600 INITIATOR DATA

Qualified Acc. To	LV 16 and USCAR
Initiator Resistance	≥ 1.7 Ω and ≤ 2.5 Ω
Triggering Pulse Current	≥ 1.75A/ 0.5mS or ≥ 1.2A/2.0mS
No-triggering Current	≤ 0.4A or ≤ 5.0A/≤ 4μS
Diagnostic Current	≤ 100mA