



## AAF-0133

**SIL 3 CAPABLE**

**(2) 7.5 kW CIP MOTION AC SERVO  
AND INDUCTION DRIVES PER INSERT**

**SAFETY RATED E-STOP CONTACTORS**

**SAFE TORQUE OFF (STO) BUILT INTO  
EACH DRIVE**

**LOADCELL MONITORING CAPABLE**

**USES PRG PROPRIETARY ALL-IN-ONE  
CABLE FOR SINGLE CABLE  
CONNECTION**

**FRONT SIDE INDICATOR FOR DRIVE  
STATUS**

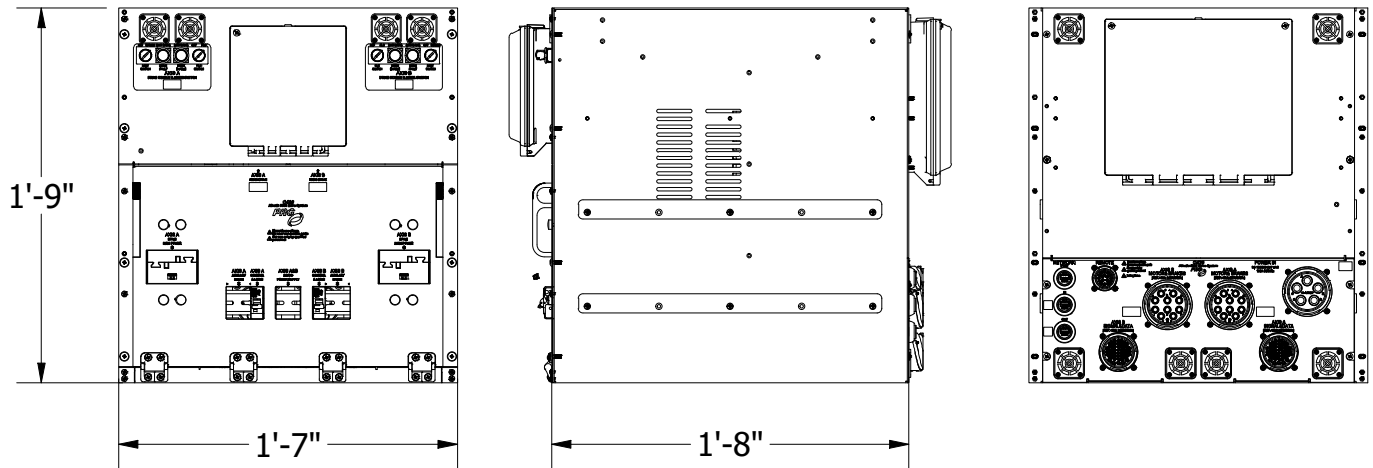
**STANDALONE OPERATION CAPABLE**

### Description

The PRG C428 is a dual drive 7.5 kW CIP Motion Servo insert that contains two drives in one 12U rack mount enclosure. Both axes feature an all-in-one cable connector for connection to the intended machine along with an 11-pin dedicated motor power and brake cable for higher horsepower applications.

This insert can be integrated into a larger controls system to drive 2 separate axes of your show. However, thanks to the included Allen Bradley Compact Logix this insert can also operate independent of a CLX. This makes the C428 insert great for one or two axis shows as a 1-Rack solution.

The C428 insert contains 1 Safety E-Stop contactor per drive and allows for redundant encoder feedback to enable a closed loop monitoring system in a compact enclosure. Each axis of control utilizes Safe Torque functions, Over Travel Limits, and fault protections. The insert also allows for loadcell monitoring of an individual axis, as well as a key switch for assuming manual control of each individual axis. Field E-Stop and safety interlocks can be integrated if desired.



E-Code	26.96B68	
PRG Drawing Number	AAF-0133	
<b>Specifications</b>	<b>U.S. Customary</b>	<b>S.I.</b>
Dimensions (WxHxL)	27.88 x 41.38 x 25 in	708.2 x 1 051 x 635 mm
Weight	115 lb	52 kg
Rack Units	12U	
Power Requirements	3-Phase 208-240VAC	

Designed in New Windsor, NY, USA