

\*COVER REMOVED  
FOR CLARITY

## AAD-1772

**SIL 3 CAPABLE**

**ETHERNET LINK TO CLX**

**DISTRIBUTES POWER, CONTROLS  
E-STOP, AND STO OF ASSOCIATED  
DRIVES**

**ETHERNET DISTRIBUTION OF DRIVES  
ON BOARD**

**EATON POWER MONITORING ON  
FRONT OF CASE**

**AXIS SPECIFIC SAFETY IO HUB**

**INTEGRATED ALLEN BRADLEY 1734  
SAFETY ARCHITECTURE**

### Description

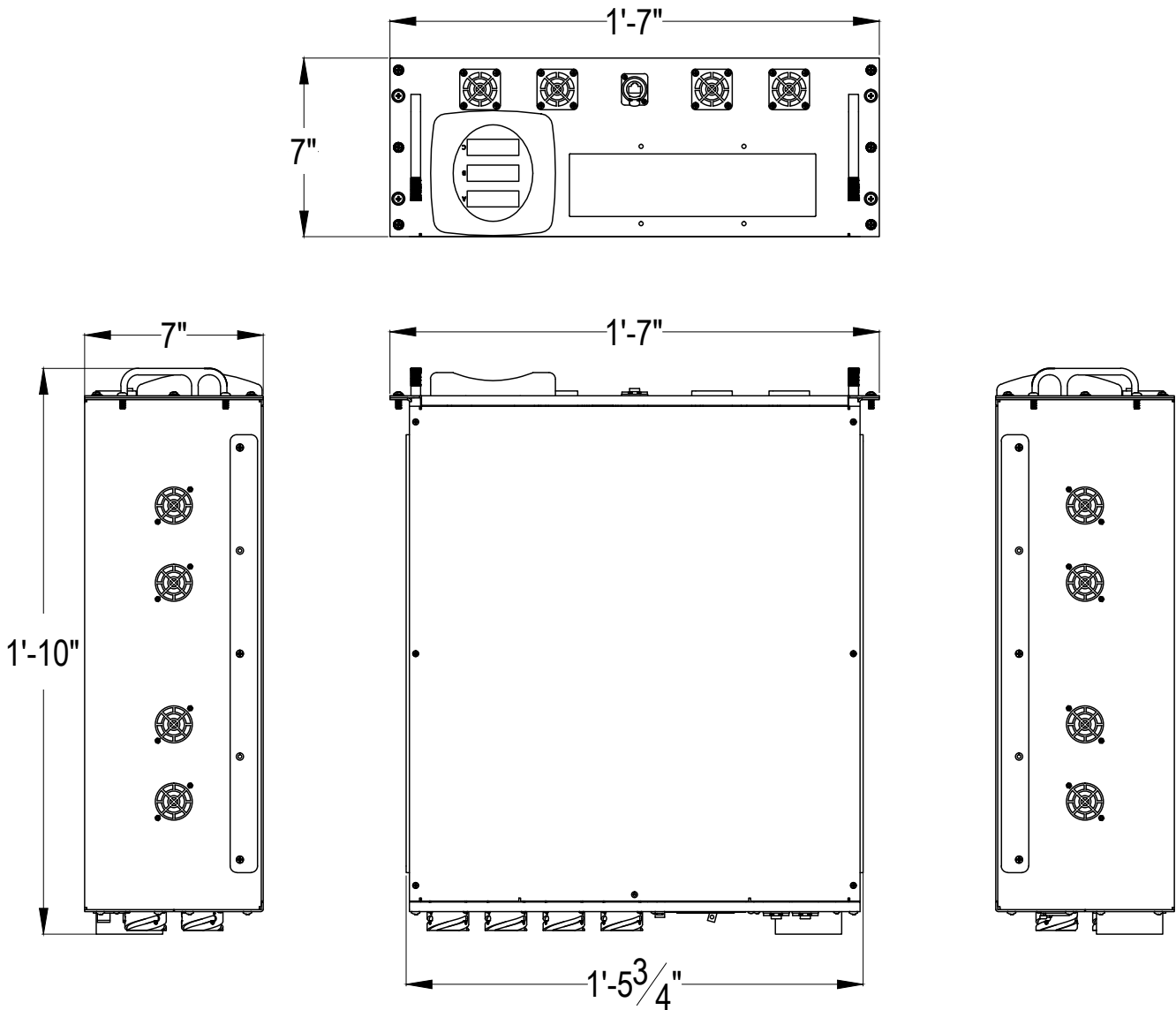
The C405 Data Distribution and E-Stop (DDE) Insert is the distribution hub for many of the current drive racks used in PRG's Stage Command control systems. Its purpose is to disperse both power and ethernet communications to up to four AC drive inserts such as the C430 and C435 (8 Axis).

The integrated Allen Bradley Stratix ethernet switch provides reliable connectivity to the drives even in the the harshest conditions. The DDE also manages the E-Stop signal to and from the drives, as well as the Safe Torque Off (STO) functionality. An Eaton power meter is included to allow operators to monitor all three legs of the 3-phase power individually along with peak current. An additional 100 amp breaker is also included to protect the DDE and drives from any errant power issues.



# C405 - DDE INSERT

## SPECIFICATION SHEET



E-Code	26.96B54	
PRG Drawing Number	AAD-1772	
<b>Specifications</b>	<b>U.S. Customary</b>	<b>S.I.</b>
Dimensions (WxHxL)	19 x 7 x 22 in	482.6 x 177.8 x 558.8 mm
Weight	45 lb	20.4 kg
Rack Units	4U	
Power Requirements	3-Phase 208-240VAC and 120VAC	

Designed in New Windsor, NY, USA