

# SERVO ACTUATOR COMMAND

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Synchronous brushless motor driver  
(servo actuator application)



- This equipment is designed to enable three functions in the lower dimensions, weight and costs :
  - motor drive controller (synchronous, brushless)
  - management of the all actuator system,
  - digital output for man / machine interface.

**INPUT**

**Nominal voltage** : **500 Vdc or 380 Vac 50 Hz - 3 Phases**

**OUTPUT**

**Nominal power** : **15 KVA**  
**Nominal current** : **± 60 A – 0 to 200 Hz**  
**Current limitation** : **Yes**

**LOAD**

**Type** : **Synchronous brushless motor**

**GENERAL**

**Efficiency** : **92 %**  
**Cooling** : **Natural convection**  
**Volume** : **400 x 200 x 300**  
**Weight** : **30 Kg**

**Digital control** : **Yes**  
**External interface** : **Yes**

**ENVIRONMENT**

**Operating temperature** : **-25 °C to+ 55°C (70 °C with forced convection cooling)**  
**Protection** : **IP 65**  
**EMI** : **EN 50121**  
**Shocks** } **Railway standards**  
**Vibrations** }



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