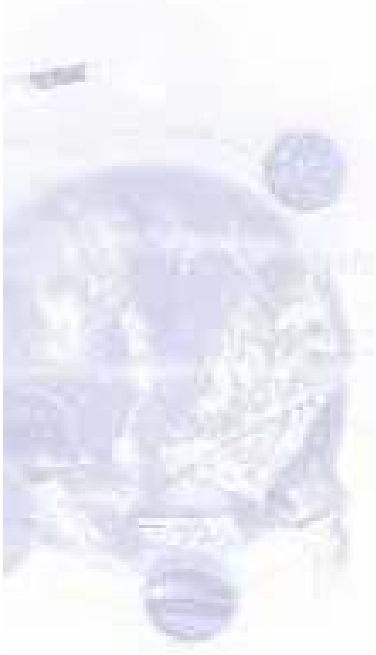


MOTOR SPEED CONTROLLER



Brushless motor speed control for air-conditioning compressor



- This equipment is designed to enable three functions in the lower dimensions, weight and costs :
 - motor drive controller (brushless without sensor)
 - system management capability
 - digital output for man / machine interface.

- This equipment accepts a variable frequency input.
Active or passive filter reduces :
 - current and voltage harmonic distortion over the all frequency scale,
 - reactive power consumption.

INPUT

Nominal voltage : **200 Vac 400 Hz - 3 Phases**

OUTPUT

Nominal power : **10 KVA**

Short circuit protection : **Yes**

LOAD

Type : **Brushless synchronous motor**

Without sensor

GENERAL

Efficiency : **> 95 %**

Cooling : **Forced convection**

Volume : **320 x 160 x 140**

Weight : **6 Kg**

Digital control : **Yes**

External interface : **Yes**

ENVIRONMENT

Operating temperature : **-45 °C to + 70°C**

Zone : **None pressurized**

EMI : **MIL STD 461C – DO160C**

Lightning : **ABD 007**

Shocks

Vibrations

} **DO160C**



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Electronics for Harsh Environments