

506/507/508 Series

Single Phase Analog Converters

3 to 12A

DESCRIPTION

The 506/507/508 Series is an advantageous control method for small-size DC motors. Available in 3, 6 and 12A sizes, with selectable supply powers between 110 and 230Vac, they are ideal for speed or torque control in wound field or permanent magnet DC motors.



COMPACT STRUCTURE

DEGREE OF PROTECTION **IP20**

DIN RAIL MOUNTING

SELECTABLE POWER SUPPLY **110V OR 230V**

TACHOGENERATOR OR ARMATURE FEEDBACK

SPECIFICATIONS

Supply

110–120V (±10%), or 220–240V (±10%) single phase 50–60Hz (±5%)

Operating Temperature

0–45°C , up to 1000m ASL without derating

Degree of protection

IP20

Field output

2A

Inputs/Outputs

Analog Inputs

2

Digital Inputs

1 configurable (24V)

Type	Armature Current [A _{dc}]	Input Voltage [Vac]	Armature Voltage [V _{dc}]	Field Voltage [V _{dc}]
506/03/120	3	110-120	90	100
506/03/240		220-240	180	210
507/06/120	6	110-120	90	100
507/06/240		220-240	180	210
508/12/120	12	110-120	90	100
508/12/240		220-240	180	210

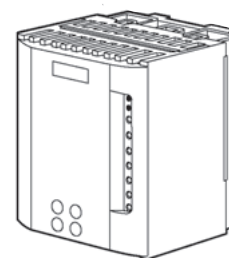
Dimensions and Weight

Type	H	W	D	Weight
506	55 (140)	4.1 (104)	3.1 (79)	1.3 (0.6)
507			3.5 (89)	1.5 (0.7)
508				

All dimensions are in inches (mm). Weight is in lbs. (kg).

OPTIONS

Part Number	Description
LA054664	Fuse Kit for 506/507
LA050062	Fuse Kit for 508
LA464345U002	Setpoint isolator (0-10mA)
LA464345U003	Setpoint isolator (4-20mA)



INTERNATIONAL STANDARDS

Conforms to EC Directive 89/336/EEC according to standard:

- EN61800-3 (Environment 1 and 2 with external filter)

Conforms to EC Directive 73/23/EEC according to standard:

- EN50178 (Low Voltage)

Complies with UL508C safety standards



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