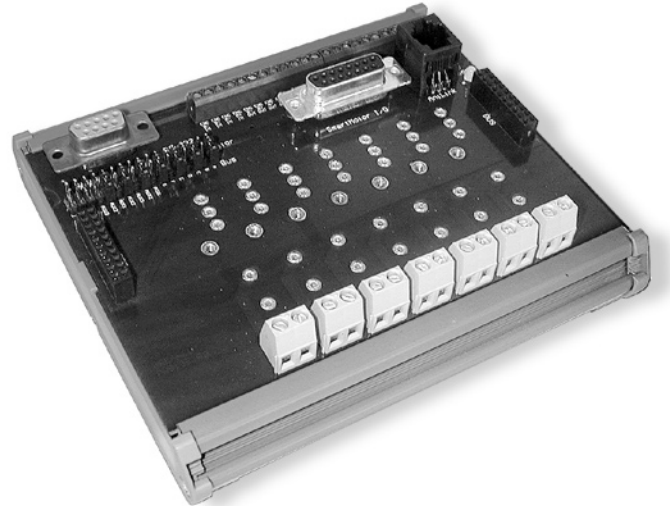


The DINIO7 is a DIN Rail mount adapter that allows the Animatics SmartMotor™ to easily interface with popular Input/Output blocks like those produced by Gordos, Grayhill, OPTO-22™ and other manufacturers.

The DINIO7 has slots for seven industry standard OPTO Modules and can be used with either input or output modules.

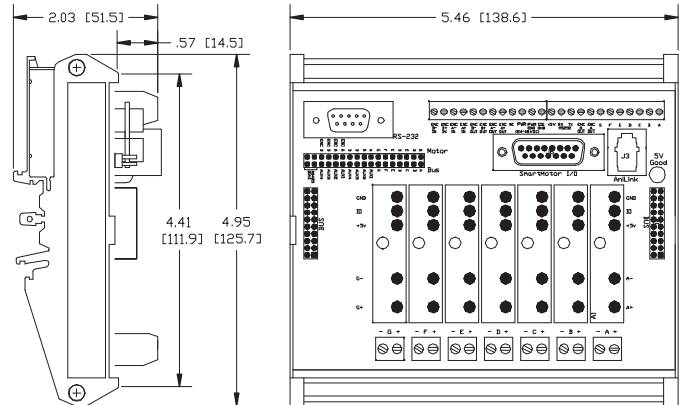
The DINIO7 has a 9 pin connector for direct connection to a personal computer serial RS232 communications port and an AniLink™ network connector. It is also equipped with an expansion bus to allow it to interface with other Animatics DIN rail mount adapters. Wiring Input/Output up to your Animatics SmartMotor™ is made simple with the DINIO7 breakout board.



Mfg.*	DC Input	DC Output	AC Input	AC Output
Opto-22	G4-IDC5	G4-ODC5	G4-IAC5	G4-OAC5A
Grayhill	70G-IDC5	70G-ODC5A	70G-IAC5A	70G-OAC5A
Crydom	X4IDC5	X4ODC5	X4IAC5	X4OAC5
Gordos/ Crouzet	C4-IDC5	C4-ODC5	C4-IAC5	C4-OAC5
	(3-32VDC high side)		(120VAC high side)	

\* Please consult with appropriate manufacturer for details

Features	Benefits
DB-15 or screw terminal access to your SmartMotor	Easy connection for panel environment
AniLink port for expansion to other AniLink devices	Cascadable
7 main I/O buses to cross connect I/O to other motors	Flexible use
Aux buses to interconnect encoders between motors	Simplifies encoder connections
Differential encoder I/O expansion (optional)	Strong noise immunity
Jump-in RS485 terminal resistors	No added parts necessary for RS485 termination
On board DB-9 for fast RS232 access	Uses standard cables
Easy din rail mount and screw terminal I/O hook-up	No screws needed for mounting



\* All sizes are given in inches, sizes in brackets are in mm

## Electrical

Power bus line voltage:	19V to 48VDC
Isolated communications:	4.5V to 5.5V
Optional differential XCVR power:	90 mA typical

## Mechanical

Dimensions:	see figure above
Weight:	15 oz (425 g)