

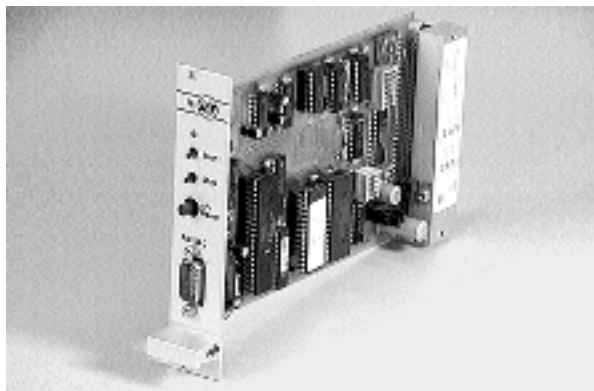


# C-Series Controller Card 4.0 & 4.0 I/O

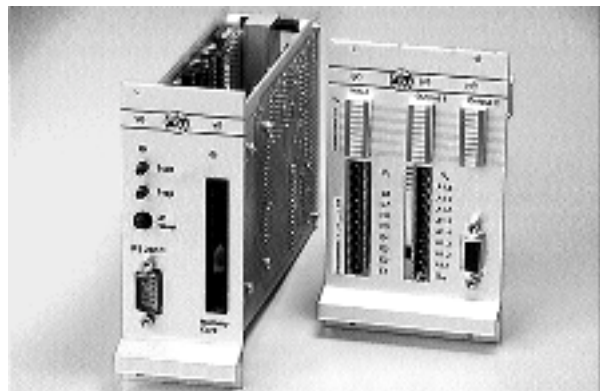
## Eurocard DIN Components

### FEATURES

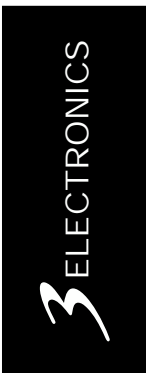
- ◆ Euro-card with microprocessor handles one to three axes stepper motor drives
- ◆ One inch wide front panel with built-in controls & LED indicators
- ◆ Bidirectional RS232 C serial interface, with 2400 to 19200 baud transmission
- ◆ 256 byte communication buffer with software handshake
- ◆ Linear interpolation on any two axes
- ◆ Maximum programmable speed 10,000 steps / sec.
- ◆ Pre-programmed acceleration and deceleration ramps
- ◆ 32K static RAM program storage area
- ◆ Optional battery back-up
- ◆ Signal connections on rear panel through 64 position edge DIN connector
- ◆ Relative & absolute positioning
- ◆ Motion representing  $\pm 8,000,000$  steps can be stored
- ◆ Synchronization points provided for joining of two controller cards
- ◆ Motor can be jogged
- ◆ Position coordinate data can be read back from controller
- ◆ Commands can be executed as a program or in "immediate" mode
- ◆ Nested Looping
- ◆ Can be programmed with simple ASCII commands
- ◆ Software Options:
  - PAL – English-like language interpreter, page 170
  - ASCII



**CONTROLLER CARD 4.0  
HL1200M325000**



**CONTROLLER CARD 4.0 I / O  
HL1200M325500**



SPECIFICATIONS	Catalog Number	
	HL1200M325000	HL1200M325500
Travel	0 to $\pm 8,000,000$ steps	
Speed	20Hz to 10kHz max. step rate	
Max. Acceleration	100 steps / msec. <sup>2</sup>	
Start - Stop Frequency	350 steps / sec.	
Max. Number of Storable Commands	2400 for 3 axes, 4800 for 2 axes, 7200 for 1 axis	
For Use with Controller	C10	C116
Memory Options	Optional Battery Back-up	
	—	Memory Card
I/O Capabilities	—	8 inputs up to 24V
		16 Open-collector outputs (50V, 300 mA each)

NOTE: See page 166 for cables, memory cards and accessories.