

# Ordering Information and Part Numbers

**Controller**



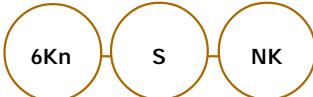
**Ship Kit**



**Expansion I/O\***



**Power Supply**



**6Kn**      **S**      **NK**

n= 2 – 2 axis  
n= 4 – 4 axis  
n= 6 – 6 axis  
n= 8 – 8 axis

Synchronization bus  
(omit for no synch. bus)

No Ship kit  
(omit to include Ship kits)

6K-Kit      6K Hardware Installation Guide  
6K Programmer's Guide  
6K Command Reference  
Motion Planner CD-Rom  
Panel Mounting Hardware  
Crossover Ethernet cable for direct PC to 6K communication only

- EVM32-BASE      Expansion I/O module w/ 2' cable and cover
- SIM8-IN-EVM32      8 digital input SIM with LEDs
- SIM8-OUT-PNP      8 digital sourcing output SIM with LEDs
- SIM8-OUT-NPN      8 digital sinking output SIM with LEDs
- SIM8-AN-IN      8 12-bit analog input SIM
- SIM8-AN-OUT      8 +/- 10V analog 10-bit output SIM
- SIM8-RLY10      8 10 watt reed relay SIM

PS-60W      60 Watt 24 volt DC power supply

**Cables**

- 71-016137-10      10' 6K to Stepper (ZETA, OEM750, S-Drive)
- 71-017003-10      10' 6K to Servo (cut off)
- 71-016949-100      100' expansion I/O cable
- 71-016987-10      Gemini to 6K Servo
- 71-016966-10      Gemini to 6K Stepper

**Example:** 6K4-NK  
(a 4 axis controller with no ship kit included and no synchronization bus included.)

**I/O Screw Terminal Breakout**

VM25 25 pin-D to screw terminal breakout board w/ 2' cable (for use with onboard I/O)



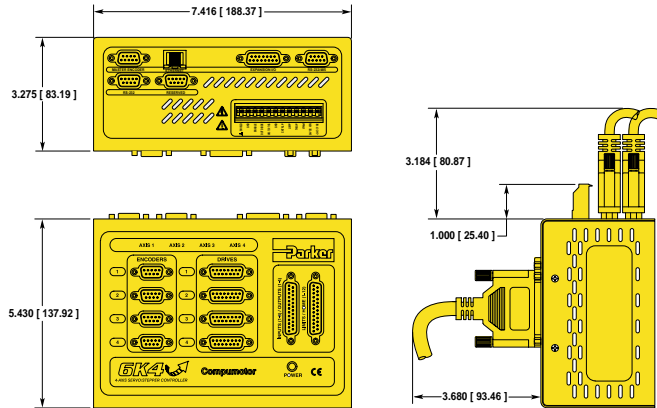
\*For fieldbus options, please contact your local ATC or call Compumotor.

\* EVM32-BASE and SIM cards sold separately. Up to 4 SIM cards fit in each EVM32-BASE.

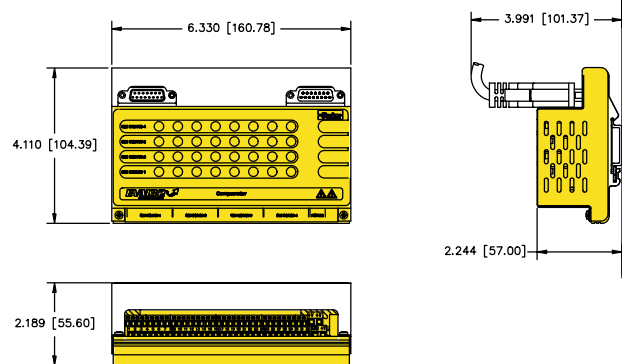
## Dimensions for 6K and EVM32

Dimensions in inches (mm)

**6K2 & 6K4**



**EVM32**



**6K6 & 6K8**

