



# ALPHA+ controller

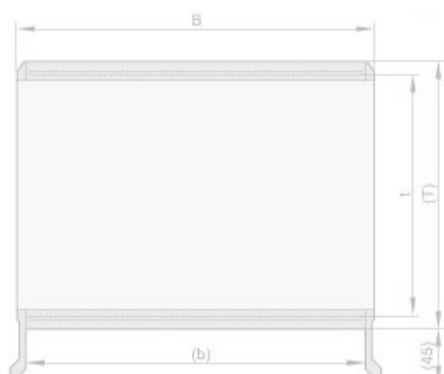


## KEY FEATURES

- Ethernet
- General purpose inputs / outputs
- Complete control software
- Compatible with: SOLANO, MAUKA, BORA, PUNA, BREVA, ZONDA, SIRIUS, KUBAN, JORAN, SURES



Features	
Number of axes	6 + 2 optional
Motion controller	DeltaTau / Omron controller programmed with SYMETRIE hexapod control software
Communication	Ethernet
Drive type	DC, Brushless or Stepper
Encoder input	Incremental differential signals (RS-422) or high-speed serial protocol for absolute encoders (Endat or BiSS)
Connectors	6x D-sub 15 pins or M17 (6 additional connectors with absolute encoders) / hexapod model dependant
GPIO	2 outputs & 1 input optically isolated (D-sub 9 pins) 8 optional inputs and handwheel (D-Sub 15 pins high density)
Safety	Emergency stop input / Safe Torque Off (STO) function
Miscellaneous	
Voltage	110-240 VAC / 50-60 Hz
Power	< 300 W for SOLANO, MAUKA, BORA, PUNA < 870 W for BREVA < 1000 W for ZONDA, KUBAN, JORAN < 1500 W for SIRIUS, SURES
Dimensions	Width (B) / Depth (T) / Height (H) 448.90 mm (84F) / 435.5 mm / 132.55 mm (3U) for model with power < 750 W 448.90 mm (84F) / 495.5 mm / 132.55 mm (3U) for model with power < 1000 W 448.90 mm (84F) / 495.5 mm / 177 mm (4U) for model with power < 1500 W
Mass	~ 10 kg
Operating temperature	0 °C to + 45 °C
Storage temperature	- 25 °C to + 70 °C



EnDat 2.2

BiSS INTERFACE

