



Remote I/O e-motion technology

E1120

Card CAN NODE DIN rail	BRIDGE
Power Supply	+24Vdc power consumption 100mA
I/O	Local BUS for expansion cards E1121, E1122, E1123, E1124, E1127, E1191, E1192
Dimensions (mm)	128 x 93

E1121

Card 16 DIGITAL INPUTS PNP/NPN Opto for E1120	INPUT
INP Power Supply	Common with +24Vdc (NPN) or ground (PNP) in groups of 8
Inputs	The input stage is sized for a value of $V_{in} > +15Vdc$ (typical +24Vdc)

E1122

Card 16 DIGITAL OUTPUTS PNP for E1120	OUTPUT
OUT Power Supply	2 common with +24Vdc, common GND with E1120
Outputs	Typical current 500mA each output, maximum 700mA in groups of 4
Protections	From short-circuit, temperature

E1123

Card 2 STEPPER AXES for E1120	STEPPER
Control Outputs	PNP +5V or +12V (Enable, DIR, Current)
STEPPER Outputs	PNP or NPN
Frequency	min 38Hz, max 65KHz
Fault Input	PNP or NPN +5V, +12V, +24V

E1124

Card 8 ANALOG INPUTS for E1120	ANALOG
POT power supply	Reference voltage + 5Vdc 5mA for external potentiometers
Inputs	Independently selectable as 0/5V - 0/10V - 0/20mA resolution 12bit



Remote I/O

E1127

Card 2 ANALOG AXES for E1120	AXIS
ENC Power Supply	+ 12V+5V selectable separately for the 2 axes
ENCODER	Line-Driver/Open Collector (mono/bi-directional)
Analog Output	2 x +- 10V 12 bit
Frequency	Open Collector: 100Khz, Line Driver:200Khz

Layout

DIN rail Layout	DIN rail module for combination of up to 8 cards with E1120 BRIDGE
Boxed Layout	Stainless Steel module for combination of up to 3/6 CARDS with E1120 BRIDGE
Wall Mounted Layout	Wall Mounted module for combinations up to 8 cards on E1120 BRIDGE