

The professional inverter for all variable torque, applications. All I/O channels programmable, two mathematically linkable 12-Bit analogue inputs. Build in PID controller, with specific HVAC functions. MODBUS interface, for inverter control, and for reading and setting of all inverter I/Os, in this way the inverter hardware can be implemented in subordinated control systems. Application specific hardware available: Special filters (classB), dV/dt limitation PFC chokes build in as standard (inverters above 30kW). Fieldbus Gateways available for all common used building automation systems. PC-Software, for diagnosis, control and inverter programming.

### Specifications

Supply voltage:	1-Phase 230 or 3-Phase 230Vac / 44 - 67Hz
Max intensity:	0,2kW/1,5A –2,2kW/10A according model
Control type:	5 dig. Inputs (PNP/NPN) 2 x 12 BIT analogue inputs 0-10V, 0(4)-20mA 1 analogue output, various functions 0-10V, 0-20mA 1 digital output (programmable) 1 relays switch 5A 230V (programmable function) MODBUS
Switch ON/OFF:	External contact
Output:	0 - Vinput, 0,5 - 650Hz III
Protection:	Under - over voltage Overcurrent, overload, motor overload, short circuit Input phase loss, motor phase loss Inverter overtemperature, motor-overload I <sup>2</sup> xt
Connection:	Terminal Block
Enclosure:	Plastic, Ip20 (IP64 on request)
Optionals:	Remote display/keypad unit Brake resistors for all different applications PC-Link Software for parameter setting, control an diagnosis Fieldbus gateway modules for all common bus systems

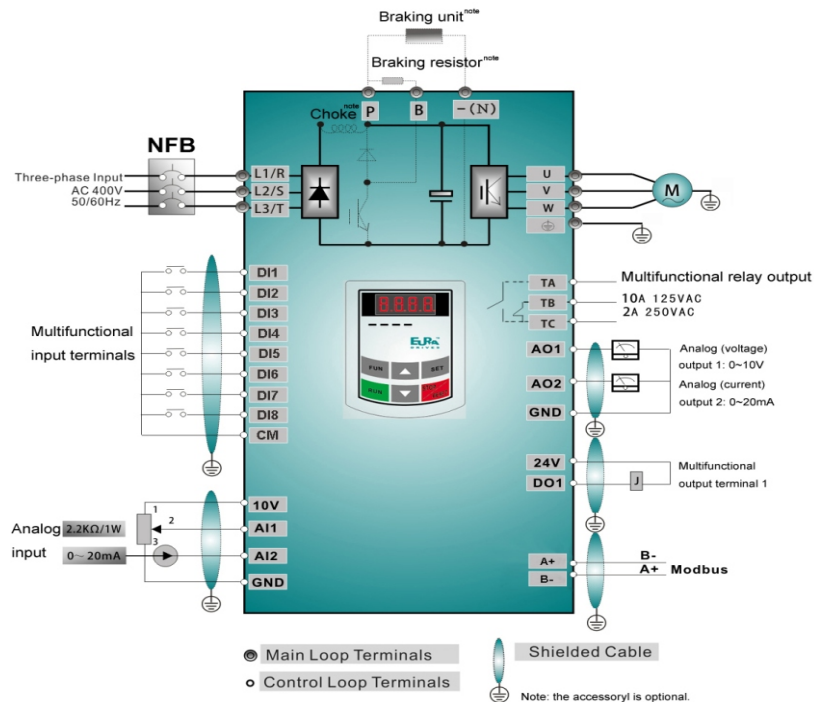


### Advantages

Special for water supply, wastewater treatment, fans and pumps, booster stations, heating, air conditioning, building automation. Agriculture, irrigation systems. Material handling, conveyor belts. Screw compressors, vacuum pumps, blowers. HVAC Retrofit / Energy optimizing.  
 High quality and low price, easy installation, low installation costs

### CE Norms

These controllers comply with following mentioned European norms:  
 EMC 89/336/CEE modified by 92/31/CEE and low voltage norm 72/23/CEE  
 RoHS compliant



Basic Wiring Diagram for multi-stage speed control macro (NPN type)

MODEL	INTENSITY	DIMENSIONS (mm)	FRAME
<b>1 x 230V</b>			
E800-0002-S2	0.2kW – 1.5A	80 x 138 x 135	E1
E800-0004-S2	0.4kW – 2.5A		
E800-0005-S2	0.55kW – 3.5A		
E800-0007-S2	0.75kW – 4.5A		
E800-0011-S2	1,1kW – 5.0A	106 x 180 x 150	E2
E800-0015-S2	1.5kW – 7.0A		
E800-0022-S2	2.2kW – 10.0A		
<b>3 x 230V</b>			
E800-0002-T2	0.2kW – 1.5A	80 x 138 x 135	E1
E800-0004-T2	0.4kW – 2.5A		
E800-0005-T2	0.55kW – 3.5A		
E800-0007-T2	0.75kW – 4.5A		
E800-0011-T2	1,1kW – 5.0A	106 x 180 x 150	E2
E800-0015-T2	1.5kW – 7.0A		
E800-0022-T2	2.2kW – 10.0A		