

# E600-BLU-IP20

# BLU

## INVERTER PER MOTORI ASINCRONO V/Hz 220V-400V 0,2 KW-5,5 KW IP21

### HIGHLIGHTS

- Miglior rapporto prestazioni / costi, senza compromessi in termini di affidabilità e qualità
- Design compatto, facile da integrare nell'ambiente: montaggio su guida DIN, Contatti I / O
- Facile da configurare: set semplice di parametri ottimizzati per tutte le funzioni e applicazioni di base.
- Funzioni PID e HVACR- STO integrato- MODBUS - Aperto per il networking
- Filtro EMC interno di serie: Pronto per il mercato CE
- Produzione di massa economica su linee SMT altamente automatizzate e dedicate
- Drive per un mercato generale – Prodotto per il mercato mondiale (CE/UL/CCC)



STO Safe Torque Off



Model	Motor Power (kW)	Rated Current Output (A)	Structure Code	Weight (kg)	Cooling Mode
E600-0002S2Q1U1F2AG03B1R3	0,2 kW	1,5	Q1	0,45	Self-cooling
E600-0004S2Q1U1F2AG03B1R3	0,4 kW	2,5	Q1	0,45	Self-cooling
E600-0007S2Q1U1F2AG03B1R3	0,75 kW	4,5	Q1	0,48	Air-Cooling
E600-0015S2Q1U1F2AG03B1R3	1,5 kW	7,0	Q1	0,49	Air-Cooling
E600-0002S2U1F2AG03B1R3U8	0,2 kW	1,5	Q2	0,56	Self-cooling
E600-0004S2U1F2AG03B1R3U8	0,4 kW	2,5	Q2	0,56	Self-cooling
E600-0007S2U1F2AG03B1R3U8	0,75 kW	4,5	Q2	0,6	Air-Cooling
E600-0015S2U1F2AG03B1R3U8	1,5 kW	7	Q2	0,65	Air-Cooling
E600-0022S2U1F2AG03B1R3U8	2,2 kW	10,0	Q2	0,75	Air-Cooling
E600-0002T3Q1U1F2AG03B1R3	0,2 kW	0,6	Q1	0,75	Self-cooling
E600-0004T3Q1U1F2AG03B1R3	0,4 kW	1,2	Q1	0,8	Self-cooling
E600-0007T3Q1U1F2AG03B1R3	0,75 kW	2	Q1	0,82	Air-Cooling
E600-0015T3Q1U1F2AG03B1R3	1,5 kW	4	Q1	0,85	Air-Cooling
E600-0002T3U1F2AG03B1R3U8	0,2 kW	0,6	Q2	1,0	Self-cooling
E600-0004T3U1F2AG03B1R3U8	0,4 kW	1,2	Q2	1,0	Self-cooling
E600-0007T3U1F2AG03B1R3U8	0,75 kW	2	Q2	1,15	Air-Cooling
E600-0015T3U1F2AG03B1R3U8	1,5 kW	4	Q2	1,2	Air-Cooling
E600-0022T3U1F2AG03B1R3U8	2,2 kW	6,5	Q2	1,3	Air-Cooling
E600-0030T3U1F2AG03B1R3U8	3 kW	7,6	Q2	1,3	Air-Cooling
E600-0040T3U1F2AG03B1R3U8	4 kW	9	Q2	1,45	Air-Cooling
E600-0055T3U1F2AG03B1R3U8	5,5 kW	12	Q2	1,45	Air-Cooling

TATIERINO  
REMOTABILE  
IP20-IP66



CAVO  
REMOTAZIONE  
IP20-66

CHIAVETTA  
PARAMETRI  
RS485



Approved and certified by European independent bodies

# BLU

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# TECHNICAL DATA

Power supply	Rated voltage	3-phase 380...460V +/- 15% - 1-phase 200...240V +/- 15%
	Input frequency	44...67 Hz
	EMC filter	Integrated for 2. environment
Output	Output voltage	0.....V-input
	Output frequency	0.5.....650 Hz
	Resolution of output frequency	0,01 Hz
	Overload capability	150% - 60 sec. / 10 Min
Control-Mode	PWM control-modes	V/Hz - Mode
	PWM frequency	0,8.....6 kHz
	V/Hz characteristic	Linear, quadratic, and user-programmable curve
	Starting torque	100% rated torque at 1 Hz
	DC-Brake	Freq. threshold, duration and intensity programmable – DC injection
	Brake chopper	Integrated chopper transistor
Display	7 Segment LED display -4- digit	For programming and visualization of different operating parameters
I/O Channels, control functions	Inverter control - Start/Stop	To configure: terminals / operation panel / serial link
	Digital control inputs	4 digital inputs (HIGH/LOW configurable)
	Speed reference signal	Potentiometer, analogue input (terminals 0...10V, (0)4...20 mA), operating panel keys, serial link
	Reference analogue channels	1 Analogue channels 0...10V, (0)4...20 mA
	Analogue outputs	1 analogue output channel programmable in gain, different functions to assign (0...10V)
	Digitale outputs	1 digital output (OC, different functions to assign)
	Relays output	1 switchover contact 3 A 230V (programmable for different functions)
	Interface	Serial link (MODBUS – ASCI/RTU)
	Special function - control options	Jog mode, 12V / 50 mA auxiliary power supply on terminals PI-control Fixed frequency control, programmable cycling frequency sequence AUTORESET/RESTART function
Protection Functions, Incl. Fault memory	Electrical protection functions	Overvoltage, Undervoltage Overcurrent, Overload, Motor-Overload, Output-short Analogue reference interruption
	Thermal protection functions	Heatsink overtemperature
Optionals	Operating panel	Remote keypad
	Brake resistors	Braking resistors for heavy duty operation
	Filter / chokes	PFC chokes – dv/dt limiting output filter - sinusfilter
	Parameter copy stick	USB Stick with parameter duplication function
	PC-Link Software (via MODBUS)	Special tool for programming, control and diagnostic (parameter set memory)
	Safety	STO (Q2 only)
Environmental conditions	Protection	IP21
	Operating temperature	-10.....+40 °C
	Humidity	Max. 90 % not condensing, no corrosion
	Elavation	1000 m - 1% derating / 100m above
	Vibration	Max. 0,5g
Power range	V/Hz	230V: 0,2...2,2 kW 400V: 0.2...5,5 kW
Standards	EMC	EN61800-3(2004)
	Safety	EN61800-5-1 2003

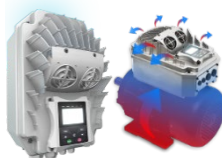
## ALTRE POSSIBILI SOLUZIONI CON SOFTWARE E ACCESSORI IN COMUNE



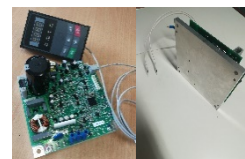
**HI-TECH IP20  
ASYNCHRONOUS  
AND  
SYNCHRONOUS  
INVERTER**



**HI-TECH IP66  
ASYNCHRONOUS  
AND  
SYNCHRONOUS  
INVERTER**



**HI-TECH IP67  
ASYNCHRONOUS AND  
SYNCHRONOUS  
INVERTER FOR  
DECENTRALIZED DRIVE  
APPLICATION**



**HI-TECH IP00  
ASYNCHRONOUS  
AND  
SYNCHRONOUS  
INVERTER  
100-480V**

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