



E1000 - E2000 SERİSİ HIZ KONTROL CİHAZLARI

Örün Kodu	Ağırlık (kg)	Haberleşme Portu (F1)	Dehşet Potansiyometre (H)	Frenleme Ünitesi (B)	EMC (RFI) Filtre (R)	Birim Fiyat (Aalet) TL
MONOFAZE 200-230V						
E1000-0004S2F1KR	0.4 KW 230VAC HIZ KONTROL CİHAZI	STANDARD	STANDARD	OPTIONAL	STANDARD	745,00
E1000-0007S2F1KR	0.75 KW 230VAC HIZ KONTROL CİHAZI	STANDARD	STANDARD	OPTIONAL	STANDARD	782,00
E1000-0015S2F1KR	1.5 KW 230VAC HIZ KONTROL CİHAZI	STANDARD	STANDARD	OPTIONAL	STANDARD	945,00
E1000-0022S2F1KR	2.2 KW 230VAC HIZ KONTROL CİHAZI	STANDARD	STANDARD	OPTIONAL	STANDARD	1.228,00
TRİFAZE 380-400V						
E1000-0007T3F1KR	0.75 KW 400VAC HIZ KONTROL CİHAZI	STANDARD	STANDARD	STANDARD	STANDARD	1.104,00
E1000-0015T3F1KR	1.5 KW 400VAC HIZ KONTROL CİHAZI	STANDARD	STANDARD	STANDARD	STANDARD	1.192,00
E1000-0022T3F1KR	2.2 KW 400VAC HIZ KONTROL CİHAZI	STANDARD	STANDARD	STANDARD	STANDARD	1.321,00
E1000-0037T3F1KR	3.7 KW 400VAC HIZ KONTROL CİHAZI	STANDARD	STANDARD	STANDARD	STANDARD	1.620,00
E1000-0040T3F1KR	4.0 KW 400VAC HIZ KONTROL CİHAZI	STANDARD	STANDARD	STANDARD	STANDARD	1.759,00
E1000-0055T3F1KR	5.5 KW 400VAC HIZ KONTROL CİHAZI	STANDARD	STANDARD	STANDARD	STANDARD	2.096,00
E1000-0075T3F1KR	7.5 KW 400VAC HIZ KONTROL CİHAZI	STANDARD	STANDARD	STANDARD	STANDARD	2.435,00
E1000-0110T3F1KR	11 KW 400VAC HIZ KONTROL CİHAZI	STANDARD	STANDARD	STANDARD	STANDARD	3.325,00
E1000-0150T3F1KR	15 KW 400VAC HIZ KONTROL CİHAZI	STANDARD	STANDARD	STANDARD	STANDARD	4.028,00
E1000-0185T3F1YK	18.5 KW 400VAC HIZ KONTROL CİHAZI	STANDARD	STANDARD	NONE	OPTIONAL	6.177,00
E1000-0220T3F1YK	22 KW 400VAC HIZ KONTROL CİHAZI	STANDARD	STANDARD	NONE	OPTIONAL	6.883,00
E1000-0300T3F1YK	30 KW 400VAC HIZ KONTROL CİHAZI	STANDARD	STANDARD	NONE	OPTIONAL	8.823,00
E1000-0370T3F1YK	37 KW 400VAC HIZ KONTROL CİHAZI	STANDARD	STANDARD	NONE	OPTIONAL	11.028,00
E1000-0450T3F1YK	45 KW 400VAC HIZ KONTROL CİHAZI	STANDARD	NONE	OPTIONAL	OPTIONAL	13.560,00
E1000-0550T3F1YK	55 KW 400VAC HIZ KONTROL CİHAZI	STANDARD	NONE	OPTIONAL	OPTIONAL	14.619,00
E1000-0750T3F1YK	75 KW 400VAC HIZ KONTROL CİHAZI	STANDARD	NONE	OPTIONAL	OPTIONAL	21.038,00
E1000-0900T3F1YK	90 KW 400VAC HIZ KONTROL CİHAZI	STANDARD	NONE	OPTIONAL	OPTIONAL	22.870,00
TRİFAZE 180-400V						
E2000-0055T3F1KR	5.5 KW 400VAC HIZ KONTROL CİHAZI	STANDARD	STANDARD	OPTIONAL	STANDARD	2.877,00
E2000-0075T3F1KR	7.5 KW 400VAC HIZ KONTROL CİHAZI	STANDARD	STANDARD	OPTIONAL	STANDARD	3.246,00
E2000-0110T3F1KR	11 KW 400VAC HIZ KONTROL CİHAZI	STANDARD	STANDARD	OPTIONAL	STANDARD	4.138,00
HARİCİ OPERATÖR						
A6	HARİCİ OPERATÖR	15KW KADAR		E1000 VE E2000 SERİLERİ İÇİN		98,00
A7	HARİCİ OPERATÖR	18,5KW VE ÜZERİ		E1000 VE E2000 SERİLERİ İÇİN		98,00



E1000/2000

E1000/E2000 Technical specifications

Items	Contents	
Input	Rated Voltage Range	3-phase 400V±15%; single-phase 230V±15%
	Rated Frequency	50/60Hz
Output	Rated Voltage Range	3-phase 0-400V/2-phase 0-230V
	Frequency Range	0.50-650.0Hz (V/F), 0.50-200.0Hz (SVC)
Control Mode	Carrier Frequency	2K-10KHz
	Input Frequency Resolution	Digital setting: 0.01Hz, analog setting: max frequency X 0.1%
	Control Mode	E1000: V/F control E2000: V/F control and SVC control
	Overload Capacity	150% rated current, 60 seconds.
	Torque Elevating	Auto torque promotion, Manual Torque Promotion 0.1%-30.0% (V/F), 0.5Hz/150% (SVC)
	V/F Curve	4 kinds of modes: beeline type, square type, under-defined V/F curve and auto torque compensation.
	DC Braking	DC braking frequency: 1.0-5.0 Hz, braking time: 0.0-10.0s
	Jogging Control	Jogging frequency range: min frequency- max frequency, jogging acceleration/deceleration time: 0.1-3000.0s
	Auto Circulating Running and multi-stage speed running	Auto circulating running or terminals control can realize 15-stage speed running.
	Built-in PID adjusting	Easy to realize a system for process closed-loop control
Operation Function	Frequency Setting	Potentiometer or external analog signal(0-5V/0-10V/0-20mA) keypad (terminal) A/V keys, external control logic and automatic disturbance setting.
	Start/Stop Control	Terminal control, keypad control MODBUS control
	Running Command Channels	3 kinds of channels from keypad panel, control terminal and MODBUS.
	Frequency Source	given digit, given analog voltage, given analog current, given pulse frequency, given MODBUS, PID adjusting and stage-speed control.
Optional	Accessorial frequency Source: Given digit, given analog voltage, given analog current, PID adjusting and stage-speed control.	
Protection Function	Built-in EMI filter, built-in braking unit, tele-control panel	
Display	Input out-phase, input under-voltage, DC over-voltage, over-current, over-load, current stall, over-heat, external disturbance	
Environment Conditions	LED	LED tube showing present output frequency, present rotate-speed (rpm), present output current, present output voltage, present linear-velocity, types of faults, and parameters for the system and operation; LED indicators showing the current working status of inverter.
	Equipment Location	In an indoor location. Prevent exposure from direct sunlight. Free from dust, large caustic gases, flammable gases, steam or the salt-contaminated, etc.
	Environment Temperature	-10°C~+50°C
	Environment Humidity	Below 90% (no water-based condensation)
	Vibration Strength	Below 0.5g (acceleration)
Height above sea level	1000m or below	
Applicable Motor	0.2-500 KW	



E1000 series of AC drives is our newest product of V/F control type. By blocking design, the system function is enriched and built-in EMI filter is optional, advanced EMC design is adopted. The product has the feature of compact in frame, new in shape. E1000 series is a kind of high-quality and multifunction drives that can meet wide-ranging application.

E2000 series of AC drives is our newest product of sensorless vector control type. The system function is enriched and advanced vector control core is adopted. With the high utilization rate of voltage, the high power factor, the fast dynamic response, high precision, and low noise. E2000 series can meet higher-level application.

Characteristic:

- Auto torque promotion and auto slip compensation realizes larger output torque at low frequency.
- User-defined curve, V/F curve can be adjusted.
- Lower-noise, carrier-wave frequency can be adjusted from 2KHz to 10KHz
- Control protection is immediate and reliable, which improves system stability.
- Built-in filter is optional.
- Compatible with NPN and PNP types.
- Advanced vector control technology realizes more precise control and more excellent performance. (Only for E2000)
- Torque is elevated automatically, starting torque reaches 150% at 0.5Hz, and torque control precision reaches ±5%. (Only for E2000)
- Output frequency is 0.50-650.0Hz (V/F), 0.50-200.0Hz (SVC). The highest resolution is 0.01Hz.

Main function

- Built-in braking unit.
- Built-in EMI filter.
- Kinds of load type: beeline type, square type, under-defined V/F curve type and auto torque compensation type.
- Jogging speed control, multistage speed-control, external analog signal speed control and PC/PLC speed control.
- Standard RS485 communication interface, PC/PLC control by MODBUS communication and several inverters can be operated at the same time.
- Frequency source includes given digit, given analog voltage and given MODBUS, etc.
- With double-polarity NPN and PNP type.
- 6 digital input terminals, each of which can be used as user-defined function terminals. 2 analog input terminals, one of which can be used to input voltage (0~5v, 0~10v) and the other can be used to input current (0~20 mA, 4~20 mA).
- 1 digital output terminal, 1 multifunction relay output terminal and 2 analog output terminals. One of analog terminal can be used to output voltage (0~5v, 0~10v) or current (0~20mA) and the other can be used to output current ((0~20 mA or 4~20 mA).
- With the twinkling display of preset frequency, running frequency can be easily set before running.
- Current stalling adjusting.
- Built-in DC braking



MONOFAZE (DC BESLEME, AC GİRİŞ - ÇIKIŞ)

Referans ve Sipariş Kodu	Ampere	Giriş Gerilimi	Çıkış Gerilimi	Çalışma Ortamı	Kutu Adet	Birim Fiyatı (Adet) TL
SSR-1P10A	1x10A	3-32 VDC	90-480 VAC	-25 +80°C	1	25,30
SSR-1P15A	1x15A	3-32 VDC	90-480 VAC	-25 +80°C	1	28,75
SSR-1P20A	1x20A	3-32 VDC	90-480 VAC	-25 +80°C	1	34,50
SSR-1P25A	1x25A	3-32 VDC	90-480 VAC	-25 +80°C	1	36,80
SSR-1P40A	1x40A	3-32 VDC	90-480 VAC	-25 +80°C	1	46,00
SSR-1P50A	1x50A	3-32 VDC	90-480 VAC	-25 +80°C	1	68,00
SSR-1P60A	1x60A	3-32 VDC	90-480 VAC	-25 +80°C	1	70,00
SSR-1P80A	1x80A	3-32 VDC	90-480 VAC	-25 +80°C	1	80,50
SSR-1P90A	1x90A	3-32 VDC	90-480 VAC	-25 +80°C	1	92,00



TRİFAZE (DC BESLEME, AC GİRİŞ - ÇIKIŞ)

Referans ve Sipariş Kodu	Ampere	Giriş Gerilimi	Çıkış Gerilimi	Çalışma Ortamı	Kutu Adet	Birim Fiyatı (Adet) TL
SSR-3P10A	3x10A	3-32 VDC	90-480 VAC	-25 +80°C	1	92,00
SSR-3P25A	3x25A	3-32 VDC	90-480 VAC	-25 +80°C	1	130,00
SSR-3P40A	3x40A	3-32 VDC	90-480 VAC	-25 +80°C	1	142,00
SSR-3P60A	3x60A	3-32 VDC	90-480 VAC	-25 +80°C	1	158,00
SSR-3P90A	3x90A	3-32 VDC	90-480 VAC	-25 +80°C	1	210,00



MONOFAZE (AC BESLEME, AC GİRİŞ - ÇIKIŞ)

Referans ve Sipariş Kodu	Ampere	Giriş Gerilimi	Çıkış Gerilimi	Çalışma Ortamı	Kutu Adet	Birim Fiyatı (Adet) TL
SSR-1P10A	1x10A	80-250 VAC	90-480 VAC	-25 +80°C	1	25,30
SSR-1P15A	1x15A	80-250 VAC	90-480 VAC	-25 +80°C	1	28,75
SSR-1P20A	1x20A	80-250 VAC	90-480 VAC	-25 +80°C	1	34,50
SSR-1P25A	1x25A	80-250 VAC	90-480 VAC	-25 +80°C	1	36,80
SSR-1P40A	1x40A	80-250 VAC	90-480 VAC	-25 +80°C	1	46,00
SSR-1P50A	1x50A	80-250 VAC	90-480 VAC	-25 +80°C	1	63,25
SSR-1P60A	1x60A	80-250 VAC	90-480 VAC	-25 +80°C	1	66,70
SSR-1P80A	1x80A	80-250 VAC	90-480 VAC	-25 +80°C	1	80,50
SSR-1P90A	1x90A	80-250 VAC	90-480 VAC	-25 +80°C	1	92,00

TRİFAZE (AC BESLEME, AC GİRİŞ - ÇIKIŞ)

Referans ve Sipariş Kodu	Ampere	Giriş Gerilimi	Çıkış Gerilimi	Çalışma Ortamı	Kutu Adet	Birim Fiyatı (Adet) TL
SSR-3P10A	3x10A	80-250 VAC	90-480 VAC	-25 +80°C	1	92,00
SSR-3P25A	3x25A	80-250 VAC	90-480 VAC	-25 +80°C	1	128,80
SSR-3P40A	3x40A	80-250 VAC	90-480 VAC	-25 +80°C	1	135,70
SSR-3P60A	3x60A	80-250 VAC	90-480 VAC	-25 +80°C	1	149,50
SSR-3P90A	3x90A	80-250 VAC	90-480 VAC	-25 +80°C	1	207,00

SOLID STATE SOĞUTUCULARI

Referans ve Sipariş Kodu	Açıklama	Kutu Adet	Birim Fiyatı (Adet) TL
A-30	[80x50x57] Monofaze Solid State Soğutucu <25A	1	8,05
B-40	[125x75x50] Monofaze Solid State Soğutucu <40A	1	18,40
B-80	[140x80x55] Monofaze Solid State Soğutucu ≤60-90A	1	28,75
D-150	[150x35x90] Trifaze Solid State Soğutucu ≤10-90A	1	31,05

