

Servo Mikro İşlemcili Monofaze Regülatör / Avr Monophase Regulator

Lega 11 Servo Regulator / Stabilizer

11

Genel Özellikler

- * İleri teknoloji ürünü,
- * RISC mikroişlemci kontrolü ile yüksek performans
- * Tek fazlı ve üç fazlı sistemlerde geniş güç seçenekleri
- * Geniş giriş gerilim aralığı
- * Gerçek RMS ölçme, geri besleme ve kontrol
- * 70-200 V/s düzeltme hızı ile sınıfının en iyisi
- * %98'e varan yüksek verim
- * Her faz için bağımsız kontrol paneli
- * Ayarlanabilir çıkış maksimum/minimum gerilimi
- * Isı kontrollü akıllı soğutma
- * Kısa devre koruması,
- * Manuel By-Pass ile yükü sebekeye kolayca aktarma
- * Anormal durumlarda devreden çıkma tekrar devreye girme
- * Fazları birlikte veya bağımsız çalıştırabilme
- * %100 dengesiz yükte yüksek performans
- * Kompakt yapı, Sessiz çalışma
- * Darbelere karşı dayanıklı
- * Aşırı yük, yüksek/düşük gerilim, aşırı ısı korumaları
- * 1024 adet uyarı/olay hafızası
- * Özel ihtiyaca göre tasarım ve üretim

Opsiyonel Özellikler

- * SNMP ile gelişmiş uzaktan izleme ve yönetim seçeneği

Standartlar

- * CE, ISO 9001:2008

General Features

- * Advanced Technology
- * High Performance via RISC Microprocessor Control
- * Wide Power Options
- * Wide Input Voltage Range
- * True RMS Measurement, Feedback and Control
- * Best in Class with 70-200 V/s Regulation Speed
- * High Efficiency Up To 98%
- * Independent Control Panel for Each Phase
- * Selectable Output Max/Min Voltage
- * Temperature Controlled Smart Cooling
- * Short Circuit Protection,
- * Ease of Transfer of Load to Utility via Manual By-Pass
- * Automatic Deactivate/Reactivate in Abnormal Conditions
- * Independent/Together Operation of Phases
- * High Performance Even on 100% Unbalanced Load
- * Silent Operation
- * Compact/Impact Resistant
- * %100 Made in TURKEY
- * Environment Friendly Design
- * Small Dimensions
- * Easy Installation/Maintenance and Service
- * Low Installation and Operational Costs
- * 10 Years Spare Part Availability
- * 7/24 Technical Service and Customer Services

Optional Features

- * Overload, High/Low Voltage, Over Temp. Protection
- * 1024 pcs Alert/Event Memory
- * Custom Design and Production for Client' s Need

Standards

- * CE, ISO 9001:2008



Phase	1 Phase							
Power	1 kVA	2,5 kVA	3,5 kVA	5 kVA	7,5 kVA	10 kVA	15 kVA	20 kVA
INPUT								
Regulation Voltage Range	165 - 255 VAC (selectible)							
Operating Voltage Range	130 - 270 VAC (selectible)							
Frequency	45-65 Hz							
OUTPUT								
Nominal Voltage	220 VAC RMS							
Voltage Tolerance	± 1% (Selectable Between 1-8%)							
Frequency Range	45-65 Hz							
Regulation Speed	70 - 200 V/s							
THDv	0%							
Overload Operation	1 second at 150% load / 1 milisecond at 200% load							
GENERAL								
Technology	Microprocessor Controlled, Full Automatic Servo							
Control	RISC Microprocessor, H-Bridge MOSFET PWM Motor Drive Technics							
Independent Phase Regulation	Standard in 3 Phase Models							
Efficiency	98%							
Cooling	Temperature Controlled Cooling System							
Protection	Output Short Circuit, Overload, Output High / Low Voltage, Over Temperature, Motor Fault, Ground-Neutral (Optional) Protection							
Mechanic By-Pass	Manual Mains/Regulator Breaker							
CONTROL PANEL								
Display	2x16 Character LCD Display, Special LCD for each phase (Optional)							
Alert / Event Memory	Mimic Diagram, Fault Warning LEDs / Real Time 1024 pcs Event/Alert Memory							
Monitable Datas	True RMS Input/Output Voltage, Load Percentage, Frequency Measurement							
COMMUNICATION								
Dry Contacts (Optional)	Regulator Normal Operation(NO,C,NC); High/Low Output Voltage Warning (NO,C,NC)							
Remote Monitoring (Optional)	over Netwok/LAN (Optional)							
ENVIRONMENT								
Operating Temperature Range	0 °C ~ 40 °C							
Relative Humidity	< 95% (Non-Condensing)							
Noise	<45 dB							
Altitude	≤ 3000 m							
Protection Class	IP20							
STANDARDS								
International Standards	CE, EN 62040-1, EN 62040-2, EN 62040-3, EN 60950							