

AC/DC[®] REGULATOR

www.statikregulator.net



Static Electronic Voltage Regulator



Three Phase
400 kVA

- Wide Input Voltage Range
- Microprocessing Controlled
- 5000 V / sec. Regulation Speed
- Overload and Short Circuit Protection
- 220 VAC / 380 VAC \pm % 3 Regulation
- Excellent Dynamic and Static Regulation
- Full Static, Semiconductor Technology
- LCD Panel For Load Level, Output and Input Voltage
- No Maintenance and Adjustment Requirement Since No Moving Parts

TÜV
AUSTRIA
HELLAS
EN ISO 9001:2008

Your Positive Energy Source...

AC/DC[®] REGULATOR

400 kVA STATIC ELECTRONIC VOLTAGE REGULATOR TECHNICAL SPECIFICATIONS

MODEL	SVR3P-400
Power (kVA = kW)	400
INPUT	
Input Voltage	380 VAC, 3 Phase + Notr (Optional 400 VAC, 415 VAC)
Input Voltage Regulation Range	295 VAC - 430 VAC (L - L)
Input Voltage Operation Range	245 VAC - 485 VAC (L - L)
Operation Frequency	50 Hz; \pm %5
Line Input Protection	Over Current thermal fuse and transient over voltage protection
Max. Input Current	783 A
OUTPUT	
Output Voltage	380 VAC, 3 Phase + Notr (Optional 400 VAC, 415 VAC)
Output Voltage Tolerance	380 VAC, \pm %3
Output Frequency	50 Hz; \pm %5
Regulation (Control) Speed	\sim 5000 V / sec
Responce Time	\sim 20 msec.
Output Wave form	Sinusoidal
Output Current	605 A
DISPLAY & CONTROL PANEL	
Display Type	4 x 20 character alphanumeric LCD Screen
Buttons	Menu selection and adjustment button with microprocessor
Warning Messages	Input Low / Input High, Output Low / Output High, Over Load, Over Temperature
LED	Input : Green - Output : Green - System Normal : Green - Fault : Red
Display Language	English
Monitoring Measured Values	U, V, W Output Voltages - R, S, T Line Voltages and load percentages
Output Max / Min Protection Limit	Adjustable from LCD front panel
PROTECTIONS	
Output Voltage	Low : 180 VAC, High : 240 VAC (Adjustable from Control Panel)
Over Load	10 min. at 125 %, 1 min. at 150 %, 1 sec. at 200 %, 10 msec. at 1000 %
Over Temperature	SCR Temperature > 80 °C
By-Pass	Manuel By-Pass (Standard), Automatic By-Pass (Optional)
General Protections	Short Circuit, Over Load, Over Temperature, Over Voltage, Under Voltage, Peak, Surge, Sag, Spike, Thyristor Failure
GENERAL	
Efficiency	> %97
Operating Technology	Micro processing controlled, SCR (Thyristor) Tap Changer, Zero Current Switching, Full Regulation at one Cycle, Static (semiconductor) structure, Isolation Booster Transformer, No Moving Parts
Protection Level	IP 20 (Standard) - IP 23 & IP 54 (Optional)
Cooling	Cooling Forced
Run Duration	Uninterrupted
Standards	EN 50091-1 (Safety) / EN 50091-2 EMC
Dimensions	1350 x 850 x 1600
ENVIROMENTAL	
Operating Temperature Range	- 10 °C / 50 °C
Storage Temperature Range	- 20 °C / 70 °C
Relative Humidity	< % 90 (Non - Condensing)
Accoustic Level	< 50 dB (at 1 Meter)
Operating Heigth	< 2000 Meter

*** AC/DC reserves the right to make any changes to data without prior notice.

Update: 05 / 11 / 2012



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