

S Series

3/3 Static Regulator



HIGH EFFICIENCY



CLEAN ENERGY



ECO-FRIENDLY TECHNOLOGY



ALL DEVICES COMPATIBLE



NECRON presents excellent designed rectifier for power recovery.

NECRON with broad experience in semiconductor technology has introduced static voltage regulators in the market.

High regulation rate (500Volt / Second) when comparing to its competitors, low maintenance requirement, long-term running, compact elegant design, entry level protection for critical loads, guarantee protection for defect arising from mains malfunction.

NECRON's servo regulator is the necessity devices of industry world against today's mains problem.

NECRON, Gerilim İyileştirme için tasarım harikası güç doğrultması sunar.

Yarı iletken teknolojisindeki geniş tecrübesi ile NECRON Statik Gerilim Regülatörlerini piyasaya tanıttı.

Yüksek Düzeltme Hızı (500 Volt/ Saniye), düşük bakım ihtiyacı, kompakt düşük ağırlıklı tasarımı kritik yükler için gelişmiş giriş seviyesi koruması sunar ve şebeke kaynaklı bozukluklardan uygulamayı korumayı garanti eder.

NECRON Statik regülatörleri bugünün şebeke sorunlarına karşı iş dünyasının ihtiyacı olan şeydir.

INPUT

| | | | | | | | | | | | | | | | | | | | |
|---------------------|---|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|
| Power (kVA) | 22,5 | 30 | 45 | 60 | 75 | 100 | 120 | 150 | 200 | 250 | 300 | 400 | 500 | 600 | 800 | 1000 | 1250 | 1600 | 2000 |
| Voltage | 3x380, 3x400, 3x415 VAC, 3 Faz + Neutral | | | | | | | | | | | | | | | | | | |
| Voltage Input Range | 1- 285 – 430 VAC; 2- 300 – 430 VAC; 3- 220 – 420 VAC; 4- 110 – 500 V AC; 5- Special | | | | | | | | | | | | | | | | | | |
| Current (A) | 28 | 38 | 57 | 77 | 96 | 127 | 153 | 191 | 255 | 318 | 382 | 509 | 636 | 763 | 1018 | 1273 | 1590 | 2035 | 2545 |
| Frequency | 50 Hz ± 10% | | | | | | | | | | | | | | | | | | |

OUTPUT

| | | | | | | | | | | | | | | | | | | | |
|--------------|--|----|------|----|----|-----|-------|-----|-------|-----|-------|-----|-----|-----|-----|------|------|------|------|
| Voltage | 3x380, 3x400, 3x415 VAC, 3 Phase + Neutral | | | | | | | | | | | | | | | | | | |
| Tolerance | %2,5 Standard (Adjustable) | | | | | | | | | | | | | | | | | | |
| Current (A) | 27 | 36 | 54.5 | 73 | 91 | 121 | 145.5 | 182 | 242.5 | 303 | 363.5 | 485 | 606 | 727 | 970 | 1212 | 1515 | 1939 | 2424 |
| Frequency | 50 Hz ± 10% | | | | | | | | | | | | | | | | | | |
| Power Factor | 0.8 | | | | | | | | | | | | | | | | | | |

DISPLAY

| | | | | | | | | | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Type | Alphanumeric 2x16 LCD Screen with Backlight | | | | | | | | | | | | | | | | | | |
| Panel | Touch Screen Panel | | | | | | | | | | | | | | | | | | |
| Parameters | R,S,T Input Voltage, U,V,W, Output Voltage, U, V, W, Frequency | | | | | | | | | | | | | | | | | | |
| LCD Alerts | System Normal, Invalid Enter, Over Output Voltage, Low Input Voltage, Thyristor Error, Phase Error | | | | | | | | | | | | | | | | | | |
| LED | Input: Green, Output: Green, Error: Red, Normal: Green | | | | | | | | | | | | | | | | | | |
| Language | Turkish and English | | | | | | | | | | | | | | | | | | |

PROTECTION

| | | | | | | | | | | | | | | | | | | | |
|-----------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Output Voltage | Low: 320V, High: 420V (Adjustable on LCD Panel) | | | | | | | | | | | | | | | | | | |
| Overload | Electronic Protection by Fuse | | | | | | | | | | | | | | | | | | |
| Thyristor Error | Automatic Cut of Output Voltage, and Alert Displays on LCD Screen | | | | | | | | | | | | | | | | | | |
| Overheat | 10 sn Alert Displays on LCD then Output Cut-Off | | | | | | | | | | | | | | | | | | |
| Bypass | Manuel By-Pass (Automatic By-Pass Optional) | | | | | | | | | | | | | | | | | | |
| Filter | Surge Suppression, EMI / RFI Fiter Options* | | | | | | | | | | | | | | | | | | |

GENERALSPECS

| | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|-----|-----|----------|-----|-----|-----------|-----|-----|------------|-----|------|------------|------|------|-------------|------|------|-------------|--|--|
| Efficiency | ≥ %97 (@ Full Load) | | | | | | | | | | | | | | | | | | | | |
| THD | < %0.3 (@ Linear Load) | | | | | | | | | | | | | | | | | | | | |
| Regulation Ratio | 5.000 V / Second | | | | | | | | | | | | | | | | | | | | |
| Noise | < 45dBA, (1M) | | | | | | | | | | | | | | | | | | | | |
| Operation Temperature | 0 °C ~ 40 °C, Max 90% (Without Condensation) | | | | | | | | | | | | | | | | | | | | |
| Ambient Temperature | -20 °C ~ +70 °C | | | | | | | | | | | | | | | | | | | | |
| Protection | X Type: IP20 (Standard), Y Type: IP23, Z Type: IP54 | | | | | | | | | | | | | | | | | | | | |
| Colour | RAL 7035 | | | | | | | | | | | | | | | | | | | | |
| Cooling | Fan Cooling | | | | | | | | | | | | | | | | | | | | |
| Dimension (WxHxL) [cm] | 33x74x83 | | | 40x90x89 | | | 45x82x128 | | | 100x70x160 | | | 140x50x170 | | | 260x100x180 | | | 300x100x180 | | |
| Weight [kg] | 101 | 124 | 143 | 182 | 214 | 242 | 290 | 340 | 600 | 700 | 800 | 1000 | 1300 | 1500 | 1700 | 2100 | 2300 | 2600 | 3200 | | |