

# MCU 8 SERIE

## MINI SMART STABILIZERS 0,5 - 20 kVA WITH RELAY

Relay Type DELTA MCU 8 Series Single Phase Digital Stabilizers (0,5-20kVA) protect your home devices against voltage fluctuations, lengthens their life. They can be used for wall hung water boilers, DVD players, music centres, LCD & Plazma TV, Satellite receivers etc. to obtain much better efficiency.



## For small home Appliances 0,5 - 20 kVA

### Technical Specifications

- Type: MCU-8 relay
- Single phase
- Power: 0.5 - 20 KVA
- Input: 130 VAC / 260 VAC, 100 VAC / 240 VAC
- Output: 220 VAC  $\pm$ 2%
- Efficiency: %96
- Regulation speed: 500 V/s
- Working conditions: -40°C / +60°C
- Protection: Overvoltage, low and high voltage protection, temperature
- Smart Cooling Fan



## Specifications

| MODEL                     | MCU 8-500                                                                | MCU 8-1000 | MCU 8-2000   | MCU 8-3500 | MCU 8-5000 | MCU 8-10000  | MCU 8-20000  |
|---------------------------|--------------------------------------------------------------------------|------------|--------------|------------|------------|--------------|--------------|
| Power kVA                 | 0,5                                                                      | 1          | 2            | 3,5        | 5          | 10           | 20           |
| REGULATOR INPUT           |                                                                          |            |              |            |            |              |              |
| In.Vol.Operating.Interval | 130 - 260 Volt                                                           |            |              |            |            |              |              |
| Operation Frequency       | 47...65 Hz                                                               |            |              |            |            |              |              |
| Line Input Protection     | Overcurrent,Low,High Voltage Protection                                  |            |              |            |            |              |              |
| REGULATOR OUTPUT          |                                                                          |            |              |            |            |              |              |
| Output Voltage            | 220 VAC RMS ± 2 %                                                        |            |              |            |            |              |              |
| Overloading               | 10 Seconds 150 % Load                                                    |            |              |            |            |              |              |
| Correction Speed          | 500 Volt/Second                                                          |            |              |            |            |              |              |
| Upturn Period             | 500 Volt/Second                                                          |            |              |            |            |              |              |
| Output Protection         | Protects load by opening the circuit when overload, short circuit occurs |            |              |            |            |              |              |
| WORKING PRINCIPLE         |                                                                          |            |              |            |            |              |              |
|                           | Relay type                                                               |            |              |            |            |              |              |
| GENERAL                   |                                                                          |            |              |            |            |              |              |
| Cooling                   | Smart Fan System                                                         |            |              |            |            |              |              |
| Measured Value Monitor    | Input and Output Voltage Display Screen                                  |            |              |            |            |              |              |
| Total Harmonic Distortion | -                                                                        |            |              |            |            |              |              |
| Total Efficiency          | > 96 %                                                                   |            |              |            |            |              |              |
| Mechanical By-Pass        | Manually Controlled Line                                                 |            |              |            |            |              |              |
| Protection Level          | IP 20 // IP 25                                                           |            |              |            |            |              |              |
| ENVIRONMENTAL             |                                                                          |            |              |            |            |              |              |
| Operation Temperature     | -10 °C / 50 °C                                                           |            |              |            |            |              |              |
| Storage Temperature       | -25 °C / 60 °C                                                           |            |              |            |            |              |              |
| Relative Humidity         | < 90 %, DIN ( 40040 )                                                    |            |              |            |            |              |              |
| Operation Altitude        | < 2000 m.                                                                |            |              |            |            |              |              |
| Acoustic Level            | < 50 dB (1 metersquare)                                                  |            |              |            |            |              |              |
| BOYUTLAR                  |                                                                          |            |              |            |            |              |              |
| HxWxD (cm)                | 30 x 17 x 9                                                              |            | 37 x 30 x 21 |            |            | 44 x 33 x 24 | 51 x 39 x 39 |
| Weight (kg)               | 2,8                                                                      | 3,6        | 11           | 12,6       | 15         | 28           | 51           |

**Continuous Power, Uninterruptible Life**