

HPS POWER SUPPLY

Short Circuit Protection

Over Load Protection

Rail Mounting

Aesthetic Design

Constant Current Output

HPS120



HPS120

120W 24VDC Dual Output Rail Mount Power Supply

T: +90 (216) 668 00 06

www.gmtcontrol.com

GMT Endüstriyel Elektronik San. ve Tic. A.Ş.



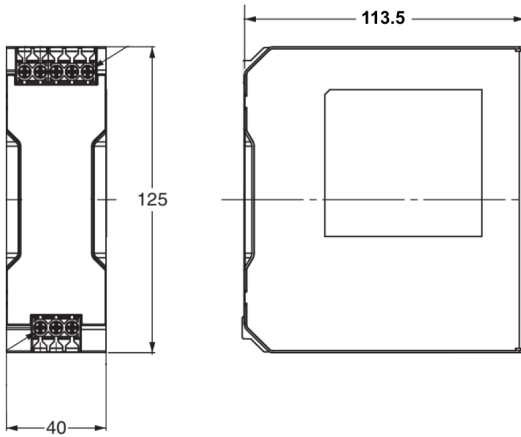


Always read the operating instructions before using the device! The user is responsible for any damages, losses and accidents caused by failure to comply with the warnings in the user manual. In case of malfunctions in this case, the device is out of warranty.

Safety Precautions

- The device must be de-energised before making cable connections.
- Wiring must be done in accordance with the wiring diagrams. Otherwise, the power supply will be damaged or cannot perform its function.
- Do not intervene while the power supply is energised.

Dimensions and Mechanical Details (mm)

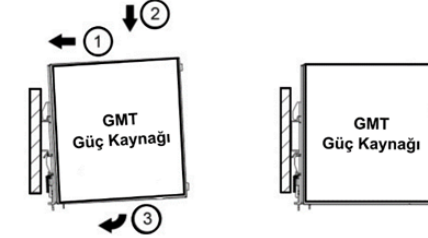


Specifications

| Output Specifications | |
|------------------------------------|---|
| DC Voltage | 24VDC |
| Nominal Current | 5A |
| Current Range | 0-5A |
| Nominal Power | 120W |
| Ripple and Noise | 120mV |
| Voltage Setup Range | -10% ile 15% |
| Voltage Tolerance | ±1% |
| Installation and Commissioning | 1000ms 60ms/230VAC 1800ms 60ms/115VAC at full load |
| Waiting Time | 115 VAC 27ms / 230 VAC 128ms |
| Input Specifications | |
| Voltage Range | 100 - 240VAC, 127 - 370VDC 50/60Hz |
| AC Current | AC100-240V 2.6A / DC127-370V 1.4A |
| Productivity | %86 |
| Inrush Current | 115VAC 16A / 230VAC 32A |
| Leakage Current | <1mA 240VAC |
| Protection | |
| Overload | 120% to 150% of the rated load current |
| Over Voltage | YWS*5 |
| Ortam Şartları | |
| Operating Temperature and Humidity | Temperature: -25 to 60° Humidity: 20 to 90 |
| Storage Temperature and Humidity | Temperature: -10 to 60° Humidity: 10 to 95 |
| Vibration | Vibration values at 10 to 55 Hz, 0.375 mm single amplitude for 2 hours in each of the X, Y and Z directions. At 10 to 150 Hz, 0.35 mm single amplitude for 80 minutes in each of the X, Y and Z directions (maximum 5 G for 60W, 120W, 240 W) |
| Security | |
| Withstand Voltage | I/P-O/P: 3KVAC I/P-FG: 2.0KVAC O/P-FG: 0.5KVAC |
| Insulation Resistance | I/P-O/P, I/P-FG, O/P-FG: 100M Ohms / 500VDC |
| Standarts | |
| Security Standarts | EN62368-1 |
| EMC Standarts | EN55032, EN55035, EN61000-3-2, EN61000-3-3 |
| Dimensions and Weight | |
| Dimensions (mm) | 125*40*124 |
| Weight | 550g |

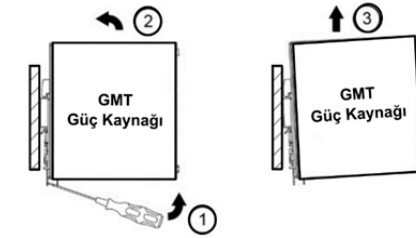
Mounting and Installation

DIN Rail mounting process



- Tilt the power supply upwards and place it on the DIN rail.
 - Press downwards into the rail until it is fully seated in the rail.
 - To lock it into the rail, press it against the rail from the front.
 - Make sure that the power supply is fully seated on the DIN rail.
- Select the DIN rail suitable for the specified width.

DIN Rail disassembly process



- Slide the DIN rail release latch as shown in the illustration by pressing it downwards with a screwdriver.
- You can remove the power supply from the DIN rail by releasing the latch. *Select the DIN rail suitable for the specified width

Maintenance and Support

Maintenance and repair of the device must be carried out by trained technical personnel. Unauthorised intervention may result in personal injury and/or damage to the device. Please contact our company for the repair of defective devices.

For questions about the device, you can contact us from our contact information below.

GMT Endüstriyel Elektronik San. ve Tic. A.Ş.

Çubuklu Mahallesi Boğazıcı Caddesi No:6/B 34805 Beykoz / İstanbul / Türkiye
T +90 (216) 668 00 06
F +90 (216) 668 00 03
gmt@gmtcontrol.com
www.gmtcontrol.com