

### General Features

- Short Circuit Protection
- Overload Protection
- Over Voltage Protection
- Rail Mounting
- Insulation Class (2)
- LED Indicator for Energy
- Easy Commissioning
- %100 Full Load Test



Before using the device, be sure to read the user manual!  
Responsibility for damages, losses and personal accidents caused by not following the warnings in the user manual belongs to the user.  
In this case, the device is out of warranty in case of malfunctions.



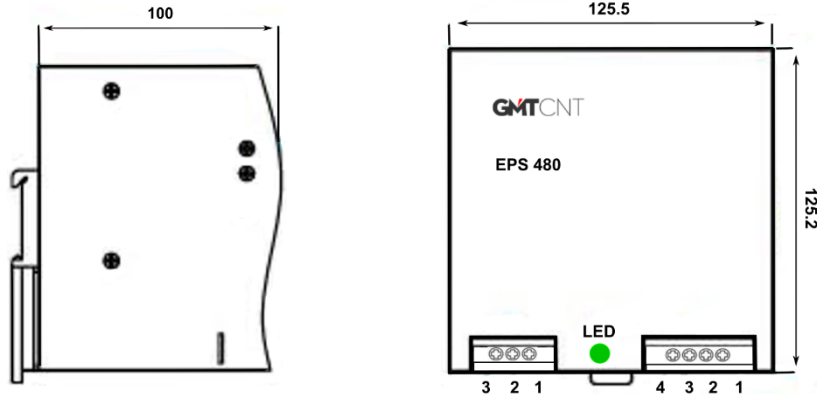
### Security Precautions

- The device must be de-energized before the cable connections are made.
- Wiring should be done in accordance with the connection diagrams. Otherwise, the SMPS Power Ski will be damaged or unable to perform its function.
- Do not interfere when there is energy in the power supply.
- The device is CE-branded in EN standards

Input	Voltage Range	176~264VAC 47~63Hz
	AC Current	1.4A/230V
	Efficiency	%84
	Inrush Current	45A/230V
	Leakage Current	<3.5mA/240VAC
Output	DC Voltage	<b>24VDC</b>
	Rated Current	<b>20A</b>
	Current Range	0 - 20A
	Rated Power	<b>480W</b>
	Ripple and Noise	240mVp-p
	Voltage Tolerance	±1.0%
	Setup ve Rise Time	1200ms,40ms/230VAC 800ms,40ms/115VAC at full load
	Hold Up Time	24ms/230VAC 24ms/115VAC at full load
Protection	Over Load	105%~150%
	Over Voltage	30V - 36V / Protection type: Shut down o/p voltage, re-power on to recover.
	Over Temperature	100°C ± 5°C, Protection type: Shut down o/p voltage, recovers automatically after temperature goes down
Environmental Conditions	Operating Temperature and Humidity	-10°C~+70°C; 20%~90%RH
	Storage Temperature and Humidity	-20°C~+85°C; 10%~95%RH
	Vibration	Component:10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes.
Safety	Withstand Voltage	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
	Isolation Resistance Standard	I/P-O/P, I/P-FG, O/P-FG:>100M Ohm/ 500VDC
	Safety Standard	TUV EN62368-1, EAC TP TC 004, BSMI CNS14336-1
	EMC Standard	EN55011,EN55022,EN61000-3-2,-3,EN61000-4-2,3,4,5,6,8,11,ENV50204,EN55024,EN61000-6-2(EN50082-2)
Other Informations	Dimensions	125.5*125.2*100mm (L*W*H)
	Weight	1.3Kg

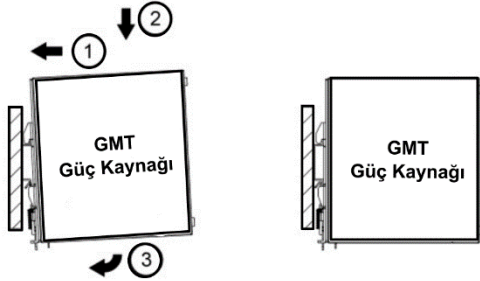
# EPS 480 / 480W Dual Output Rail Mount Power Supply

## Dimensions and Mechanical Details (mm)

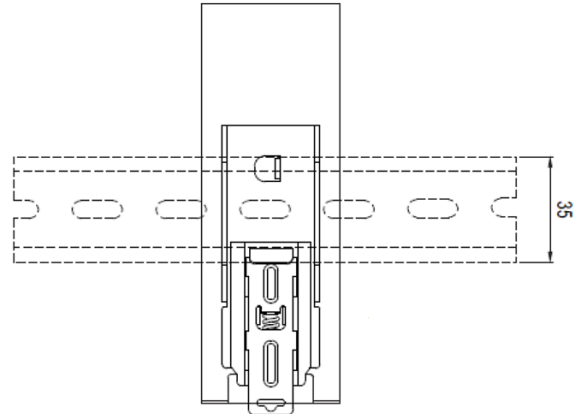


## Installation

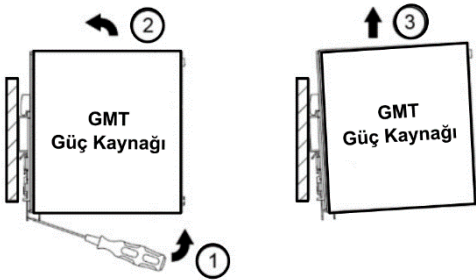
### DIN Rail mounting process



- Tilt the power supply up and place it on the DIN rail.
- Press down on the rail until it is fully seated on the rail.
- To lock it on the rail, press it towards the rail from the front.
- Make sure that the power supply is fully seated on the DIN rail.  
\*Choose DIN Rail suitable for the specified width.



### DIN Rail removal / disassembly



- Slide the DIN rail release latch by pressing down with a screwdriver as shown in the case.
- You can remove the power supply from the DIN rail by releasing the latch.  
\*Choose DIN Rail suitable for the specified width.

## Maintenance and Support

Device maintenance and repair should be done by trained technical personnel. There may be situations that result in personal injury and/or damage to the device if unauthorized intervention is made. Contact our company for the repair of defective devices.

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

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