

Data sheet

Citygrid Power Supply GW DIN

Included when purchasing the Citygrid Gateway DIN MKII P/N D22006.

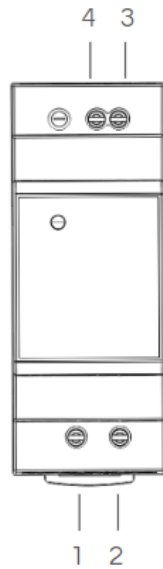


The Citygrid Power Supply GW DIN is a DIN rail mounted power supply (AC/DC converter) with 5 volt output.

ELECTRICAL CHARACTERISTICS			
Name	Value	Unit	Condition
Input voltage	85 to 264	V(AC)	
Input frequency	47 to 63	Hz	
Output voltage	5	V(DC)	Adjustable $\pm 0.5V$
Output current	0 to 3	A	

ELECTRICAL CONNECTIONS AND INSTALLATION			
Specification item	Value	Unit	Condition
Mains to Power Supply Cable	24-12	AWG	Cable not provided
Power Cable	H03VV-F 2*0.5 mm		Cable provided
Cable Connector	2.1x5.5 mm DC Barrel		Positive polarity
Cable length	300	mm	
Mounting	DIN rail: TS35/7.5 or TS35/15		

CONNECTIONS DIAGRAM



PIN	
1	AC (N)
2	AC (L)
3	+V (Brown)
4	- V (Blue)

May vary for different power supply units. Check the connection markings on the unit.

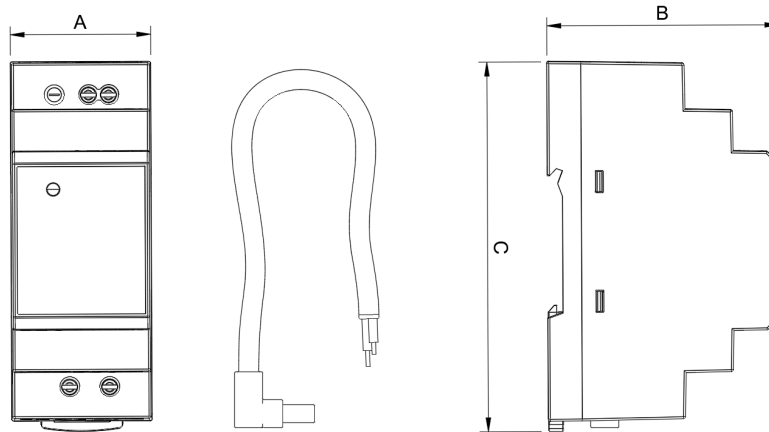
PROTECTION

Specification item	Value	Unit	Condition
Over-voltage	5.75 to 7.5	V	Shut down o/p voltage. re-power on to recover

TEMPERATURE & HUMIDITY

Type	Value	Unit	Condition
Operational temperature	-30 to +70	°C	Ambient
Storage temperature	-40 to +85	°C	Ambient

DIMENSIONS & WEIGHT			
Item	Value	Unit	Comment
A	35.0	mm	Width
B	58.0	mm	Depth
C	92.0	mm	Hight
Cable	300	mm	Length
Weight	0.138	kg	



WARRANTY AND EXPECTED LIFETIME	
Specification item	Value
Warranty	2 years
MTBF	3670.4K hrs min. Telcordia SR-332 (Bellcore) ; 968.1K hrs min. MIL-HDBK-217F (25°C)



CAUTION

- Avoid touching live parts.
- Do not use the product with damaged housing, connectors or wires.
- The product should only be installed by a trained or qualified person.

