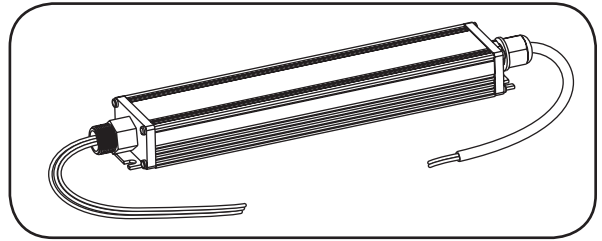


Tetra[®] LED Systems Power Supply

(GEPS12W-60M)

Power Supply Features

- Supports Tetra miniMAX, Tetra MAX, Tetra PowerMAX, Tetra PowerStrip and Tetra miniStrip LED lighting systems
- Class 2 wiring per NEC Article 725 (SELV)
- IP66 rated: wet location rated
- M20 Thread



BEFORE YOU BEGIN

Read these instructions completely and carefully.

⚠ WARNING/AVERTISSEMENT

RISK OF ELECTRIC SHOCK:

- Disconnect power at fuse box or circuit breaker before servicing or installing product.
- Properly ground Tetra[®] power supply.

RISK OF FIRE:

- Use only approved wire for input/output connection. Minimum size 18 AWG (0.82 mm²)
- Follow all local codes.

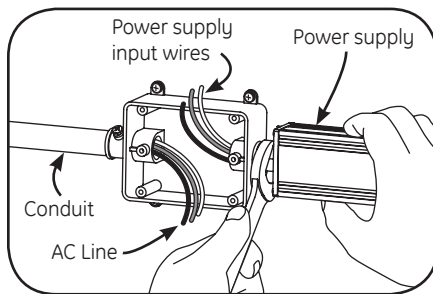
RISQUES DE DÉCHARGES ÉLECTRIQUES

- Coupez l'alimentation électrique à la boîte de fusibles ou au disjoncteur avant l'entretien ou l'installation du produit.
- Assurez-vous de correctement mettre à terre l'alimentation électrique Tetra[®].

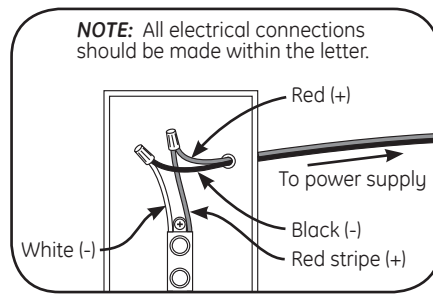
RISQUES D'INCENDIE

- N'utilisez que des fils approuvés pour les entrées/sorties de connexion. Taille minimum 18 AWG (0.82 mm²).
- Respectez tous les codes locaux.

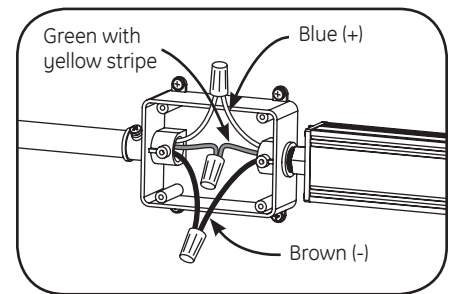
Power Supply Installation



- 1** Run AC line through conduit and attach conduit to outdoor-rated enclosure. Attach power supply to enclosure.



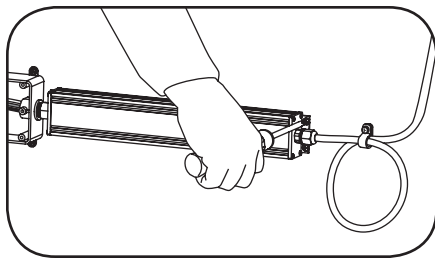
- 2** Connect the red stripe wire (+) of the LED strip to the red wire (+) of the power supply. Connect the white wire (-) of the LED strip to the black wire (-) of the power supply.



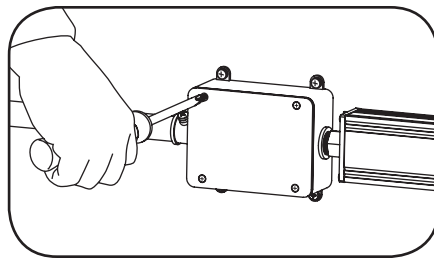
- 3** Connect the AC line to the brown (line) and blue (neutral) input wires of the power supply using 18-14 AWG (0.82-2.08 mm²) twist-on wire connectors. Properly ground (green wire with yellow stripe) power supply in accordance with National Electric Code (NEC) Article 600.



imagination at work



- 4** Mount power supply in a horizontal orientation with a minimum of one screw per mounting plate (two screws per power supply).



- 5** Tighten liquid-tight fittings and properly replace cover on junction box to ensure a water-tight seal.

NOTE: Properly ground the power supply and sign in accordance with all local codes.

NOTE: When installing power supply, connect to the appropriate sized building breaker or disconnect device for line and neutral connections, in accordance with local, state or country regulations.

Power Supply Specifications

Performance Data	Min	Typical	Max
Input Voltage (VAC)	90	100-240	264
Input Frequency (Hz)	-	50/60	-
Input Current (A)	-	-	0.85
Output Voltage (VDC)	11.4	12.0	12.6
Output Current (ADC)	0.8	-	5.0
Output Power (W)	-	-	60
Environmental Operating Temperature Range	-40°C	+25°C	+60°C*
Environmental Humidity (non-condensing)	0%	-	95%
Environmental Storage Temperature Range	-40°C	-	+85°C
Environmental Rating	IP66 rated: wet location rated		
Dimensions	12 in. x 2 in. x 1.25 in. (307 mm x 52 mm x 32 mm)		

*Maximum case temperature is 80°C

Supports Tetra Products	SKUs	Maximum Load per Power Supply	Remote Mounting Distance			
			18 AWG/ 0.82 mm ²	16 AWG/ 1.31 mm ²	14 AWG/ 2.08 mm ²	12 AWG/ 3.31 mm ²
Tetra miniMAX	GEWHMMS8, GEWWMMS8-50K, GEWWMMS8-41K, GEWWMMS8	150 modules/60 ft. (18.29 m)	30 ft./9.1 m	50 ft./15.2 m	80 ft./24.4 m	120 ft./36.6 m
	GEBLMMS5, GEGLMMS5, GERDMMS5	90 modules/36 ft. (10.97 m)	30 ft./9.1 m	50 ft./15.2 m	80 ft./24.4 m	120 ft./36.6 m
Tetra MAX	GEWHMXTS6, GEWWMXTS6-50K, GEWWMXTS6-41K, GEWWMXTS6	120 modules/60 ft. (18.29 m)	30 ft./9.1 m	50 ft./15.2 m	80 ft./24.4 m	120 ft./36.6 m
	GEWHMHTS6, GEWWMHTS6-50K, GEWWMHTS6-41K, GEWWMHTS6	80 modules/40 ft. (12.20 m)	30 ft./9.1 m	50 ft./15.2 m	80 ft./24.4 m	120 ft./36.6 m
	GEBLMXWA5, GEGLMXWA5, GERDMXWA5	135 modules/54 ft. (16.46 m)	30 ft./9.1 m	50 ft./15.2 m	80 ft./24.4 m	120 ft./36.6 m
	GERCMXWA6, GEYGMXS6	162 modules/54 ft. (16.46 m)	30 ft./9.1 m	50 ft./15.2 m	80 ft./24.4 m	120 ft./36.6 m
	GERCMXWL6	160 modules/80 ft. (24.38 m)	30 ft./9.1 m	50 ft./15.2 m	80 ft./24.4 m	120 ft./36.6 m
	GERDMXWL6	140 modules/70 ft. (21.34 m)	30 ft./9.1 m	50 ft./15.2 m	80 ft./24.4 m	120 ft./36.6 m
Tetra PowerMAX	GEWHPMTL5, GEWWPMTL5-50K, GEWWPMTL5-41K, GEWWPMTL5	38 modules/25 ft. (7.62 m)	30 ft./9.1 m	50 ft./15.2 m	80 ft./24.4 m	120 ft./36.6 m
Tetra PowerStrip	GEWHSSPS3, GEWWSSPS3-50K, GEWWSSPS3-41K, GEWWSSPS3	16 modules/17 ft. (5.18 m)	20 ft./6.1 m	25 ft./7.6 m	35 ft./10.6 m	40 ft./12.1 m
Tetra miniStrip	GEWHBSP3, GEWWBSP3-50K, GEWWBSP3-41K, GEWWBSP3	53 modules/53 ft. (16.16 m)	20 ft./6.1 m	25 ft./7.6 m	35 ft./10.6 m	40 ft./12.1 m

Conforms to the following standards:



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1-888-69-43-533

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