Q-MINI-J

Accessories - Strips/Fixtures



- Water resistant junction box allows for splicing QTL LED lead wires
- Used to splice two wires for a continuous run to power supply
- Can be mounted with VHB tape or standard mounting hardware
- Indoor/Outdoor Use
- UL Listed
- Silicone package offered as an add-on (sold separately).
  - For submersible installations and an option for third party wires (third party wires can be used with QTL wire.)

1 PRODUCT	2 OPTIONS	3 QUANTITY
Q-MINI-J		

Sample Part Number: **Q-MINI-J**

1 PRODUCT

Q-MINI-J

2 OPTIONS

STD	Standard
S	Silicone (For IP68 Install)

3 QUANTITY

Of Q-Mini-J Pieces

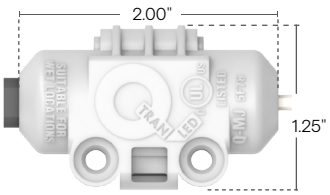
The splice box is intended for use only with Class 2 power | Suitable for use with 22-14 AWG copper conductors or equivalent | Q-mini-J rated max 30VDC or 15VAC, max 5A for wet locations, or rated 60VDC, max 5A for damp locations

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

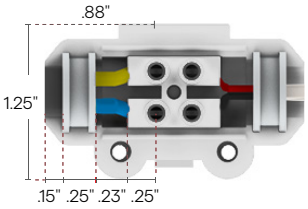
Q-MINI-J

Accessories - Strips/Fixtures

1 PRODUCT - DIMENSIONS



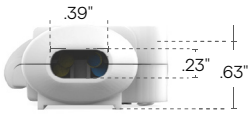
FRONT VIEW



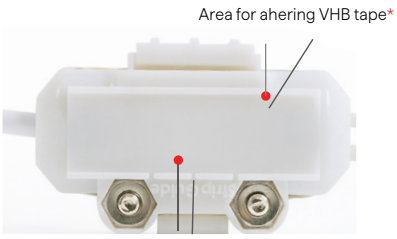
FRONT OPEN VIEW



SIDE VIEW

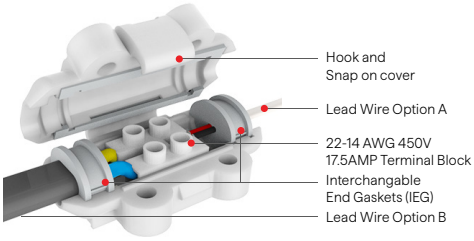


LEFT END VIEW



Guide for Strip Length*

BACK VIEW

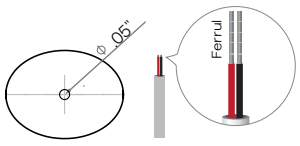


OPENED

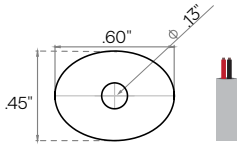
*For more information, refer to Installation Guide

WIRE & GASKET OPTIONS

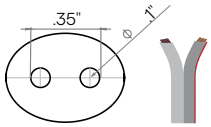
2 each supplied for QTL wires



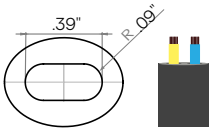
QTL **22AWG** Wire



QTL **20AWG** Wire



QTL **18AWG** Wire



QTL **14/2AWG** Wire

*Crimp wire with ferrul before installation

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

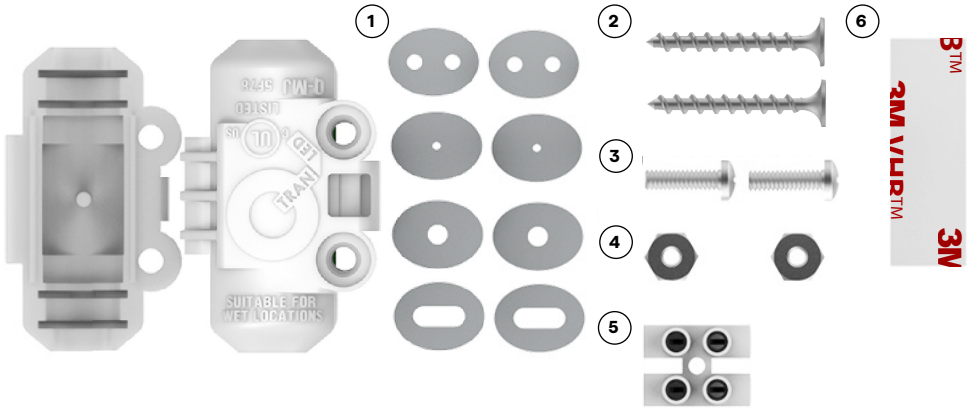
Q-MINI-J

Accessories - Strips/Fixtures

SUPPLIED PARTS IN EACH PACK

1. 8-Interchangable End Gaskets (IEG)
2. #6 Wood Screw (2x)
3. #6-32 x ½" Pan Head Screw (2x)
4. #6-32 hew nut (2x)
5. Terminal Block (1x)
6. 1½" x ½" 3MVHB Tape (1x)





INSTALLATION OPTIONS

*For more information, refer to Installation Guide

Free Float



Indoor

3M VHB (Included)



Indoor/Outdoor

Wood Screw (Included)



Indoor/Outdoor

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

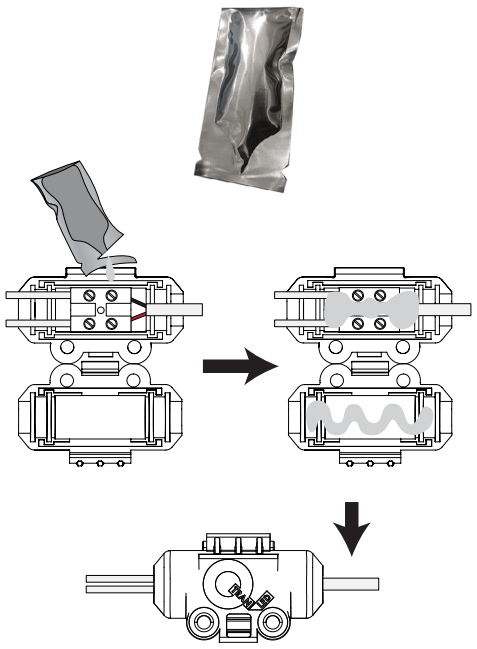
Specification subject to change. Rev-11-21-24

CUSTOM WIRE USE

Fill each half of the Q-MINI-J housing with silicone after wiring and let it set to provide a watertight seal (silicone optional).
NOTE: Do not use Interchangable End Gaskets (IEG) provided.

Silicone package offered as an add-on (sold separately).

SILICONE PACKAGE



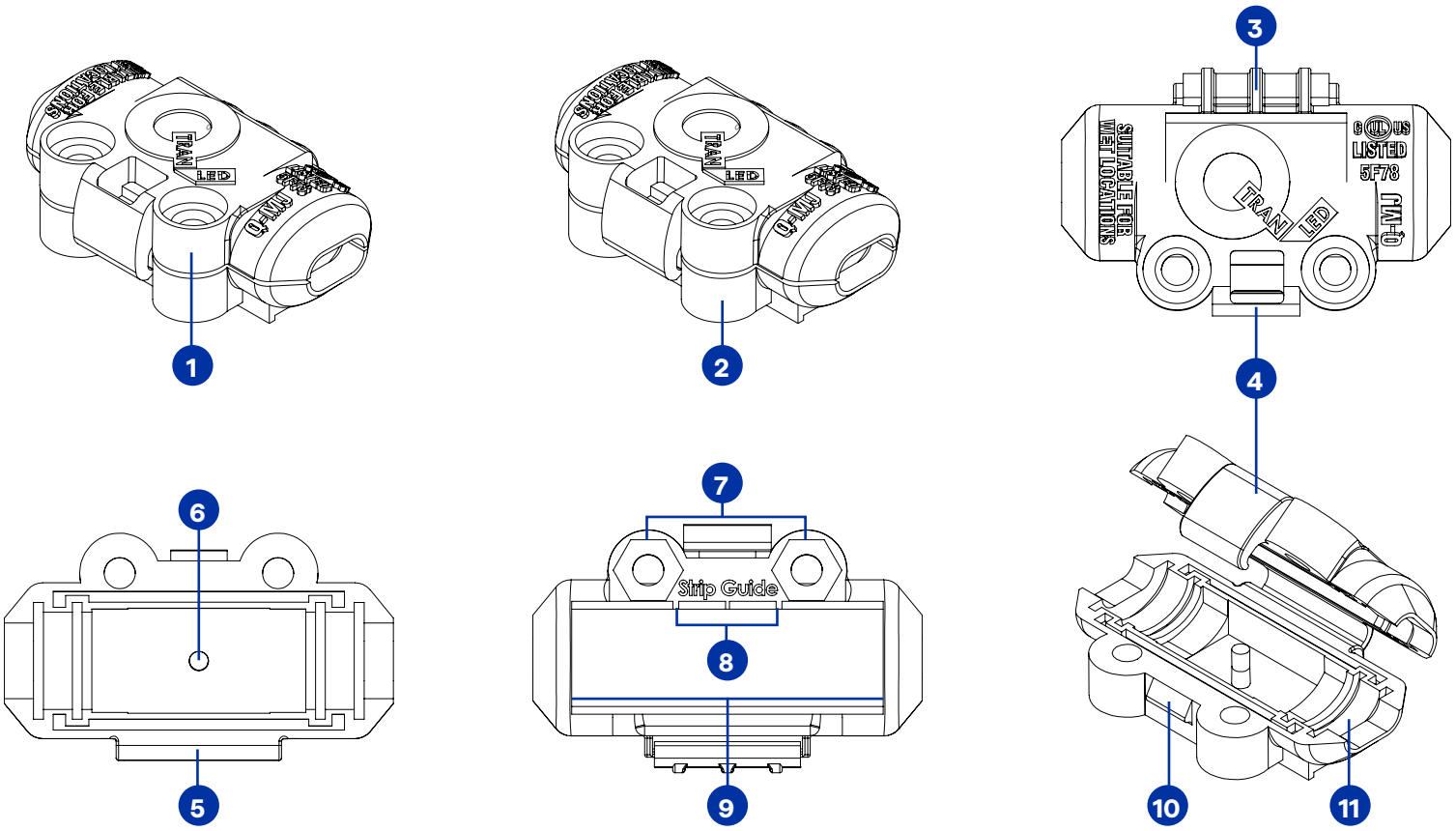
NOTE: Once closed with the silicone in place, the Q-mini-J cannot be re-used.

© 2024 QTL. All rights reserved

INSTALLATION

ACCESSORIES - Q-MINI-J

Components



1 Top Half	2 Bottom Half	3 Swing Arm	4 Clipping Arm	5 Hinge lip	6 Center Post
7 Hex Nut Insert Location	8 Strip Guide	9 VHB Application	10 Clipping Lip	11 Gasket Groves	

- The splice box is intended for use only with Class 2 power
- Suitable for use with 22-14 AWG copper conductors or equivalent
- Q-mini-J rated max 30VDC or 15VAC, max 5A

© 2025 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

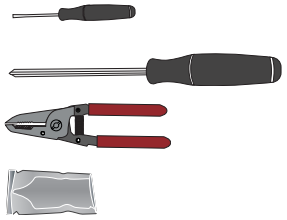
INSTALLATION

ACCESSORIES - Q-MINI-J

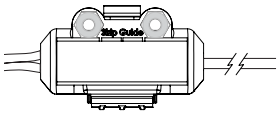
Standard Wire

REQUIRED TOOLS

- Small Flat Head Screw driver
- Large Phillips Head Screw driver
- Wire Stripper
- Silicone Package (Q-MJ-S)



MOUNTING OPTIONS

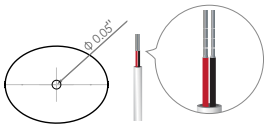






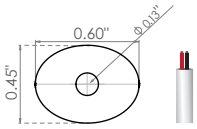
- **3MVHB Tape**
  (for more versatile mounting)
- **#6 Wood Screws**
  (for outdoor and wood mounting)

1 Determine the type of wire/gasket you are joining together inside of the Q-MINI-J.

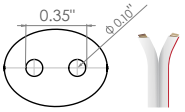


Q-Tran **22AWG** Wire

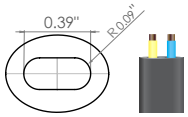
*Crimp wire with ferrul before installation



Q-Tran **20AWG** Wire

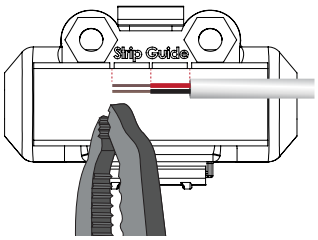


Q-Tran **18AWG** Wire

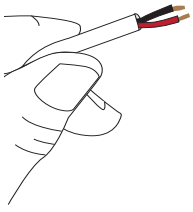


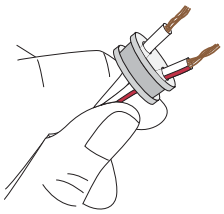
Q-Tran **14/2AWG** Wire

2 Use the Wire Stripper to strip the wires to the necessary length using the strip guide on the bottom of the Q-MINI-J.

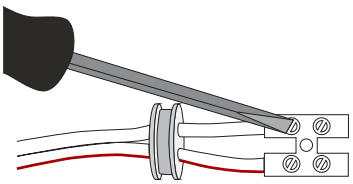


3 Once the wires have been stripped, install into the corresponding gasket.

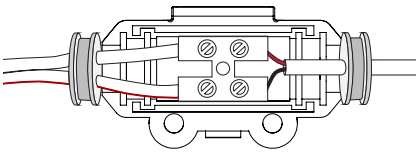




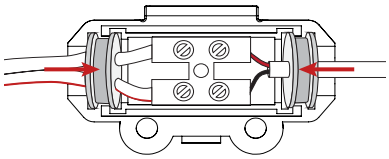
4 Insert wires into the supplied terminal block. Using a flat head screw driver, tighten the wires to secure.



5 Once wires have been secured on both sides, place the terminal block onto the center post of the bottom half of the Q-MINI-J



6 Push in and align both gaskets to ensure they are sitting within the gasket grooves.

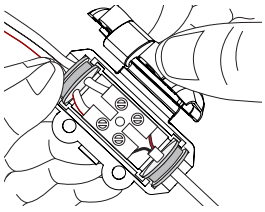


© 2025 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

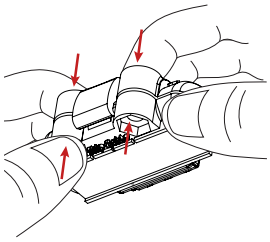
INSTALLATION

ACCESSORIES - Q-MINI-J

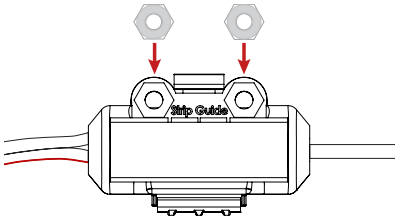
7 Once in place, hook the top half swing arm into the bottom half hinge lip.



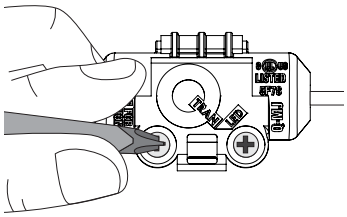
8 Snap the halves together. Ensure that the Q-MINI-J halves are snapped shut.



9 Insert the provided hex nuts as shown.

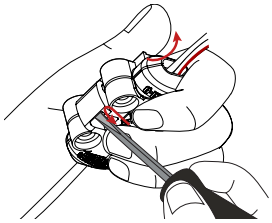


10 Tighten to 10in-lb. (Hand tighten as much as physically possible)

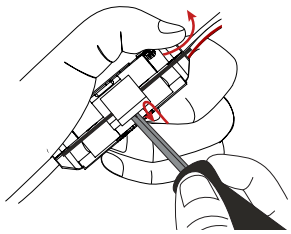


How To Open - Standard Wire

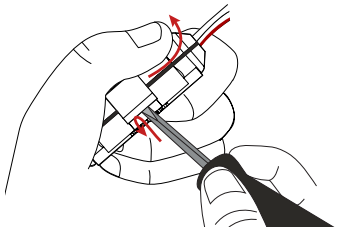
1 Insert the flat head screwdriver into the Q-MINI-J top half clipping arm hole.



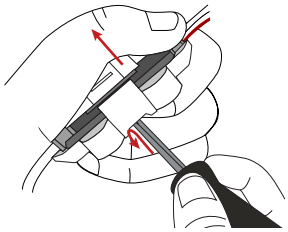
2 Hold the Q-MINI-J bottom half tightly with your opposite hand.



3 Apply force away on the inside of the clipping arm to pry the halves apart.



4 Continue until both halves are separated from each other.



© 2025 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

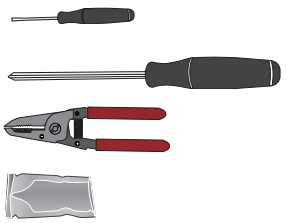
INSTALLATION

ACCESSORIES - Q-MINI-J

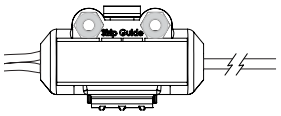
Submersible Install: Only option for 3rd party wires can be use with Q-Tran wire.

REQUIRED TOOLS

- Small Flat Head Screw driver
- Large Phillips Head Screw driver
- Wire Stripper
- Silicone Package (Q-MJ-S)



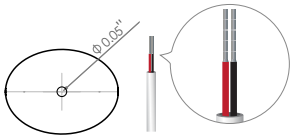
MOUNTING OPTIONS





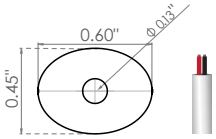
- **3MVHB Tape**
  (for more versatile mounting)
- **#6 Wood Screws**
  (for outdoor and wood mounting)

1 Determine the type of wire/gasket you are joining together inside of the Q-MINI-J.

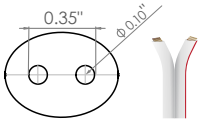


Q-Tran **22AWG** Wire

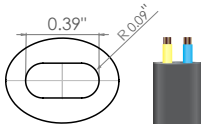
*Crimp wire with ferrul before installation



Q-Tran **20AWG** Wire

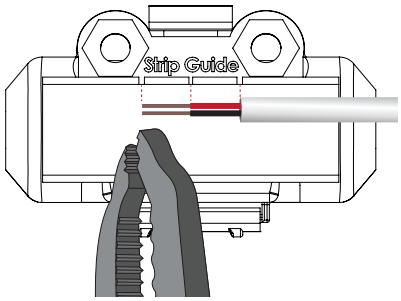


Q-Tran **18AWG** Wire

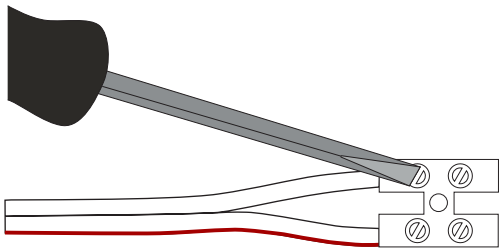


Q-Tran **14/2AWG** Wire

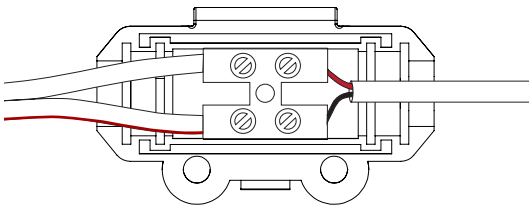
2 Use the Wire Stripper to strip the wires to the necessary length using the strip guide on the bottom of the Q-MINI-J.



3 Insert wires into the supplied terminal block. Using a flat head screw driver, tighten the wires to secure.



4 Once wires have been secured on both sides, place the terminal block onto the center post of the bottom half of the Q-MINI-J.

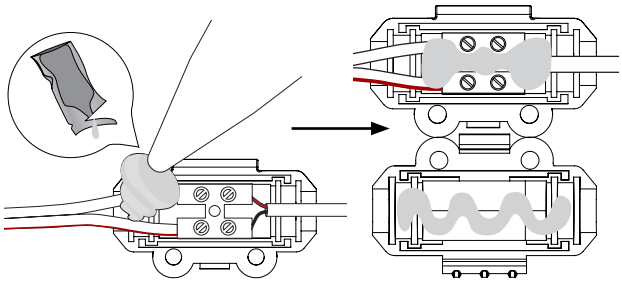


© 2025 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

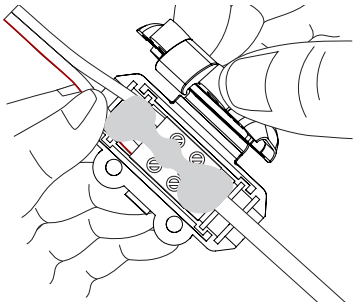
INSTALLATION

ACCESSORIES - Q-MINI-J

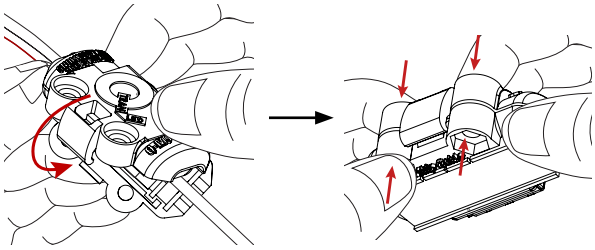
5 Using the silicone, fill in the gasket groves of both the top and bottom half including the top half's terminal block.



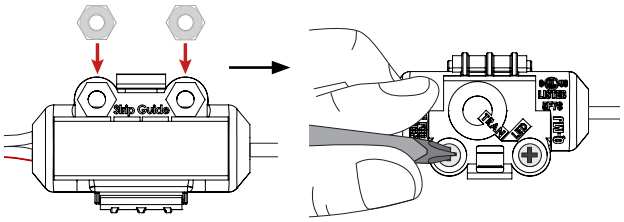
6 Once the silicone is in place, hook the top half's swing arm into the bottom half's hinge lip.



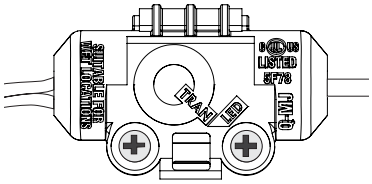
7 Snap the halves together. Ensure that the Q-MINI-J halves are snapped shut.



8 Insert the provided hex nuts as shown. Tighten to 10in-lb.
(Hand tighten as much as physically possible)



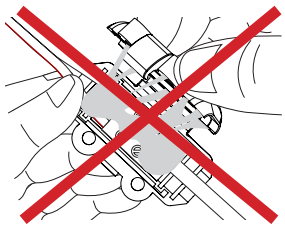
FULLY ASSEMBLED



* For best results allow Silicone to dry for 24 hours*

The Q-MINI-J is now complete and ready for use and installation.

CAN NOT RE-OPEN IT!



Once closed with the silicone in place, the Q-MINI-J cannot be re-used.

© 2025 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting