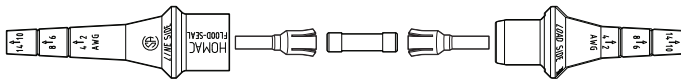


INSTALLATION INSTRUCTIONS

Street lighting kit, 65U / SLK / SDK Inline fuse / Disconnect



Important

Read and understand all instructions and safety information before use. Be aware of proper usage and potential hazards.



WARNING:

- Risk of shock, disconnect power before installation



CAUTION:

- Product must be installed by a qualified electrician in accordance with national and local electrical codes.
- These instructions are not intended as a substitute for adequate training or safety practices. These instructions do not attempt to provide for every possible contingency.



CAUTION:

- Identify LINE (receptacle) and LOAD (plug) sides of wiring and housing bodies before beginning installation.

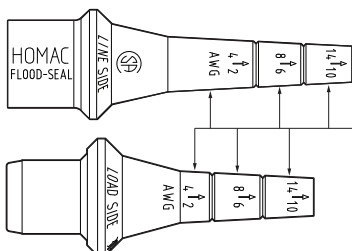
Step 1

- Determine the appropriate cut ring on housing for the cable size being installed, see Table 1. Cut off remaining sections of housing to size referenced in Range column, Table 1.

Example: If cable O.D. is 0.390 inch, it falls within the AWG 4-2 range - cut at 4-2 line.

Table 1

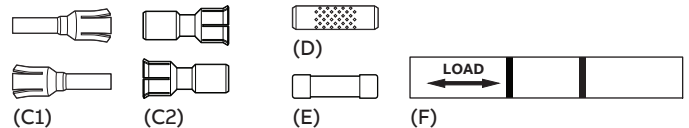
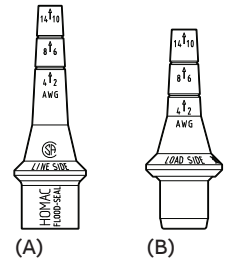
Range	Cable size (O.D. in inches)
14-10	0.120"-0.205"
8-6	0.195"-0.330"
4-2	0.320"-0.430"



Determine appropriate cut ring/cable size

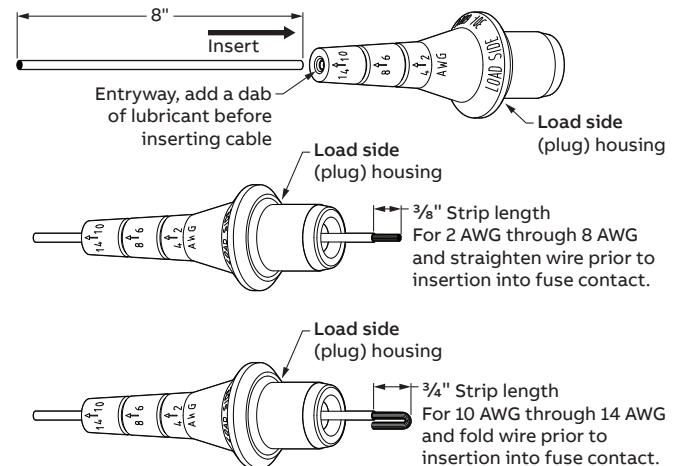
Contents:

- (A) Line side (Receptacle) housing
- (B) Load side (Plug) housing
- (C1 and C2) Fuse holder
- (D) Connecting link (SDK only)
- (E) Fuse (Not included)
- (F) Assembly Dowel
- Lubricant



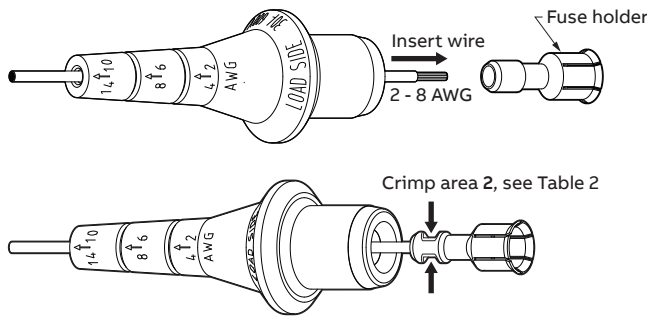
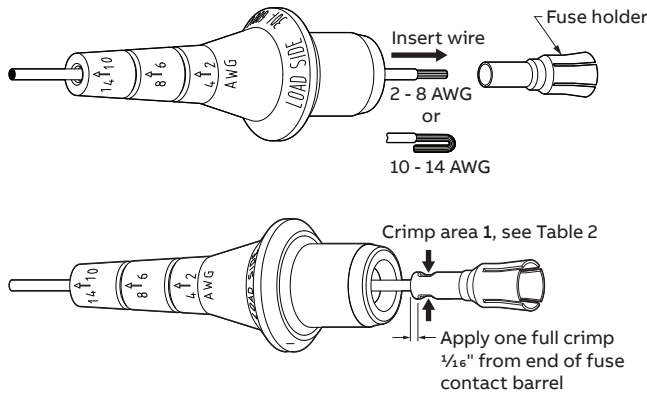
Step 2

- Ensure approximately an 8" cable length is clean from dirt and contaminants. Apply a dab of lubricant (supplied) to the entryway and insert cable a sufficient distance to permit $\frac{3}{8}$ " to $\frac{3}{4}$ " inch stripping of insulation.

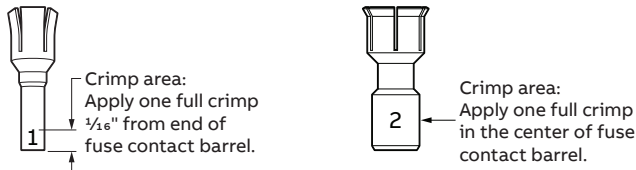


STEP 3

- Insert cable into crimp barrel of fuse holder and crimp. Refer to Table 2 for required tool and die.



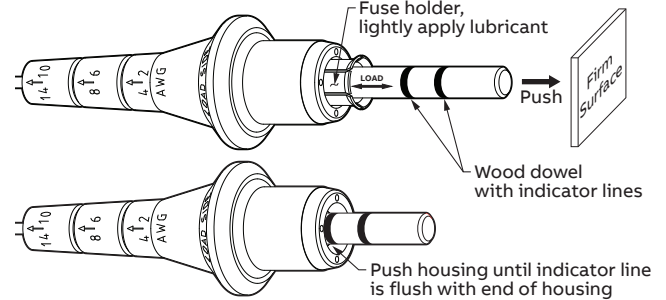
- Crimp area, see table 2

**Table 2**

Crimp area	Conductor size AWG		Recommended tool and dies	
	Stranded	Solid	ABB tool no.	Die type
1	14	12, 14	WT111M	"C" cavity
1	10,12	8, 10	WT111M	"C" cavity
1	8	6	TBM45S	"Blue" cavity
1	6	4	TBM45S	"Blue" cavity
Large contact				
2	4	2	TBM45S	"Gray" cavity
2	2	—	TBM45S	"Brown" cavity

STEP 4

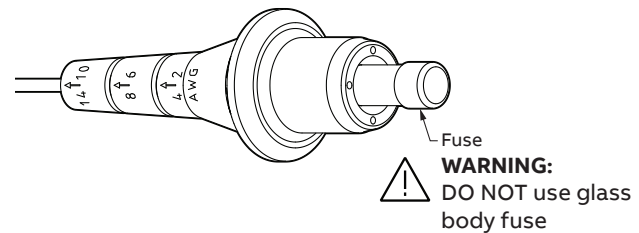
- Apply lubricant lightly to outside of fuse holder. Place the wood dowel into socket and position the free end of dowel against a firm surface. Push the load side (plug) housing forward until the indicator line on the wooden dowel is flush with the end of the housing. Wipe off any excess lubricant.

**STEP 5**

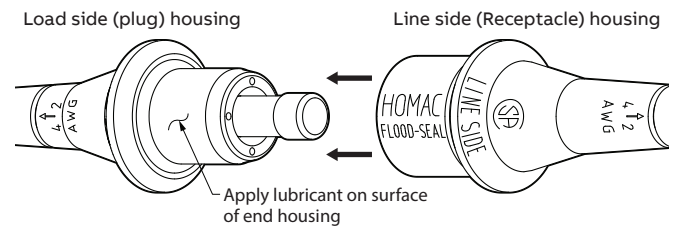
- Repeat all the above steps with line side (receptacle) housing.

STEP 6

- Insert 1³/₃₂" by 1¹/₂" fuse (600 Volt 30 Amp max.) or connecting link into the load side (plug) housing.

**STEP 7**

- Apply lubricant to load side surface to assist with assembly.



- Connect load side (plug) and line side (receptacle) housings together.

