



DL-AC-FLEX • INFINA • HW

Linear Strip
AC Flexible Linear Strip



INDOOR HARDWIRE INSTALLATION INSTRUCTIONS

Please read and save these instructions. Read carefully before using product. Protect yourself and others by observing all safety information, warnings and cautions. Failure to comply with instructions could result in personal injury and/or damage to product or property. Please retain instruction sheet for future reference.

DO NOT CUT OR SHORTEN INFINA. DOING SO CAN CAUSE RISK OF ELECTRICAL SHOCK.



IMPORTANT SAFETY INSTRUCTIONS



NOT FOR OUTDOOR INSTALLATIONS

IF YOU HAVE RECEIVED THESE PARTS FOR AN OUTDOOR INSTALLATION, PLEASE CONTACT YOUR LOCAL REPRESENTATIVE.

Read completely before beginning. If you feel you do not have adequate electrical wiring experience, have this installed by a qualified licensed electrician.

All electrical connections must be in accordance with local codes, ordinances and the National Electric Code. This product operates on 120 VAC; always confirm the maximum wattage of the linear strip does not exceed the maximum wattage of the circuit it is connected to. If you are unfamiliar with methods of installing electrical wiring, secure the services of a qualified licensed electrician.

- Do not cover this product as the covering may cause the flexible light to overheat and melt or ignite.
- Do not operate with the flexible light tightly coiled.
- Do not puncture, cut, shorten, or splice the flexible lighting.
- Do not route the cord or flexible lighting cable through walls, doors, windows or any like part of the building structure.
- Do not use if there is any damage to the light or cord insulation. Inspect periodically.
- Do not submerge flexible light in liquids, or use the product in the vicinity of standing water or other liquids.
- Secure this flexible light using only only hangers or clips provided. Do not secure this product with staples, nails, or like means that may damage the insulation or permanently attach to the building structure.
- Do not subject flexible lighting to continuous flexing.
- Do not Exceed The Length in Feet Permitted By The Marking.

1. Read and follow all safety instructions.
2. Read completely before beginning. If you feel you do not have adequate electrical wiring experience, have this installed by a qualified licensed electrician.
3. All electrical connections must be in accordance with local codes, ordinances and the National Electric Code. This product operates on 120 VAC; always confirm the maximum wattage of the linear strip does not exceed the maximum wattage of the circuit it is connected to. If you are unfamiliar with methods of installing electrical wiring, secure the services of a qualified licensed electrician.
4. Do not install the linear strip if any damage is seen on the product or power cables.
5. Prior to starting the installation, disconnect the power by turning off the circuit breaker or removing the appropriate fuse. (Turning off power using the light switch is not sufficient to prevent electrical shock).



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Instruction sheet subject to change without prior notice.



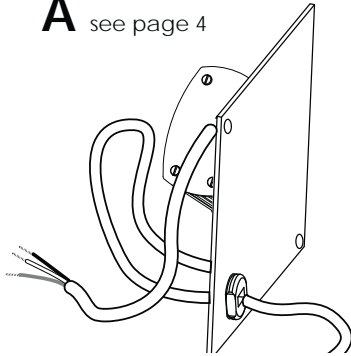
DL-AC-FLEX • INFINA • HW

Linear Strip
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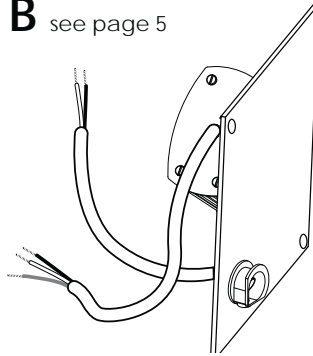
INDOOR DIRECT WIRE INSTALLATION OPTIONS

A see page 4



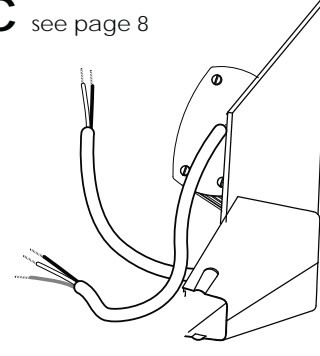
DL-AC-FLEX-HW
Integral heat sink coverplate with
8' SJT cable

B see page 5



DL-AC-FLEX-HW-CNDT
Integral heat sink coverplate with
8' connection for 1/2"Ø flexible
aluminum conduit

C see page 8

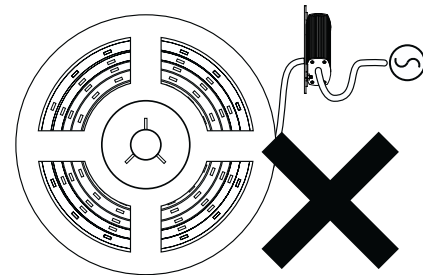
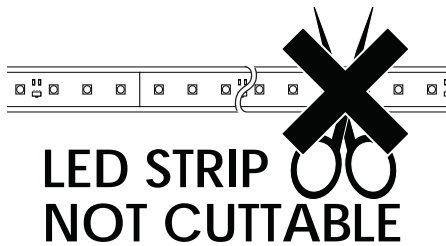
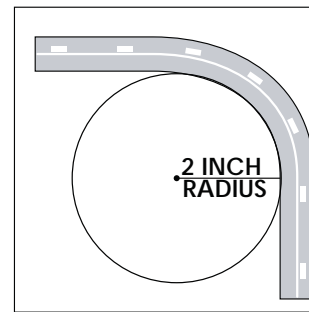
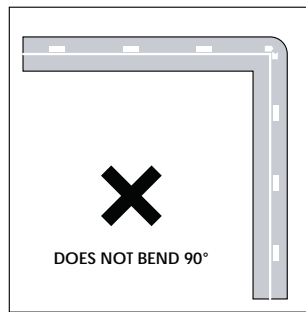
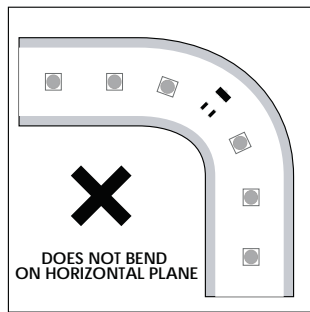


DL-AC-FLEX-HW-RADJ
Integral heat sink coverplate with
8' cable & 90° connection for 3/4"
rigid raceway

DO NOT REMOVE SURGE PROTECTION MODULE FROM INTEGRAL HEATSINK COVER PLATE

Removing the surge module from integral heatsink cover plate will result in violation of UL requirements, voiding the product warranty and RISK OF ELECTRICAL SHOCK AND DAMAGING THE PRODUCT

MOUNTING OPTIONS PLEASE SEE PAGE 3



NEVER POWER THE STRIP LIGHT WHILE ATTACHED TO A SPOOL OR WHEN TIGHTLY COILED.



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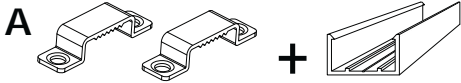


MOUNTING OPTIONS

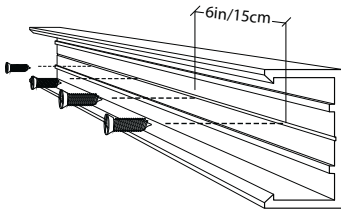


Per UL safety requirements, two DL-AC-FLEX-MC-HW mounting clips must be used in mounting at the beginning and the end of each section of DL-AC-FLEX in a run.

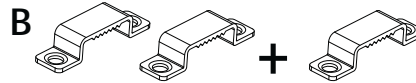
		INCLUDED DL-AC-FLEX-MC-HW Required 2 per section
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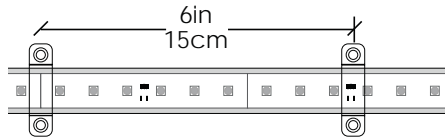
2x DL-AC-FLEX-MC-HW (Provided)
+
DL-AC-FLEX-CHX



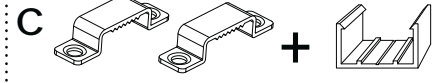
Secure channel on wall or other surfaces with self-tapping screws every 6 inches.
NOTE: 2 hardwire clips (provided) must be used to secure the beginning and the end of each section of DL-AC-FLEX.



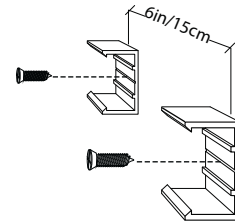
2x DL-AC-FLEX-MC-HW (Provided)
+
DL-AC-FLEX-MC-HW



Secure hardwire clips on DL-AC-FLEX with self-tapping screws. To prevent sagging on face-down application, we recommend to install hardwire clips 6" (15cm) apart.
NOTE: 2 hardwire clips (provided) must be used to secure the beginning and the end of each section of DL-AC-FLEX.

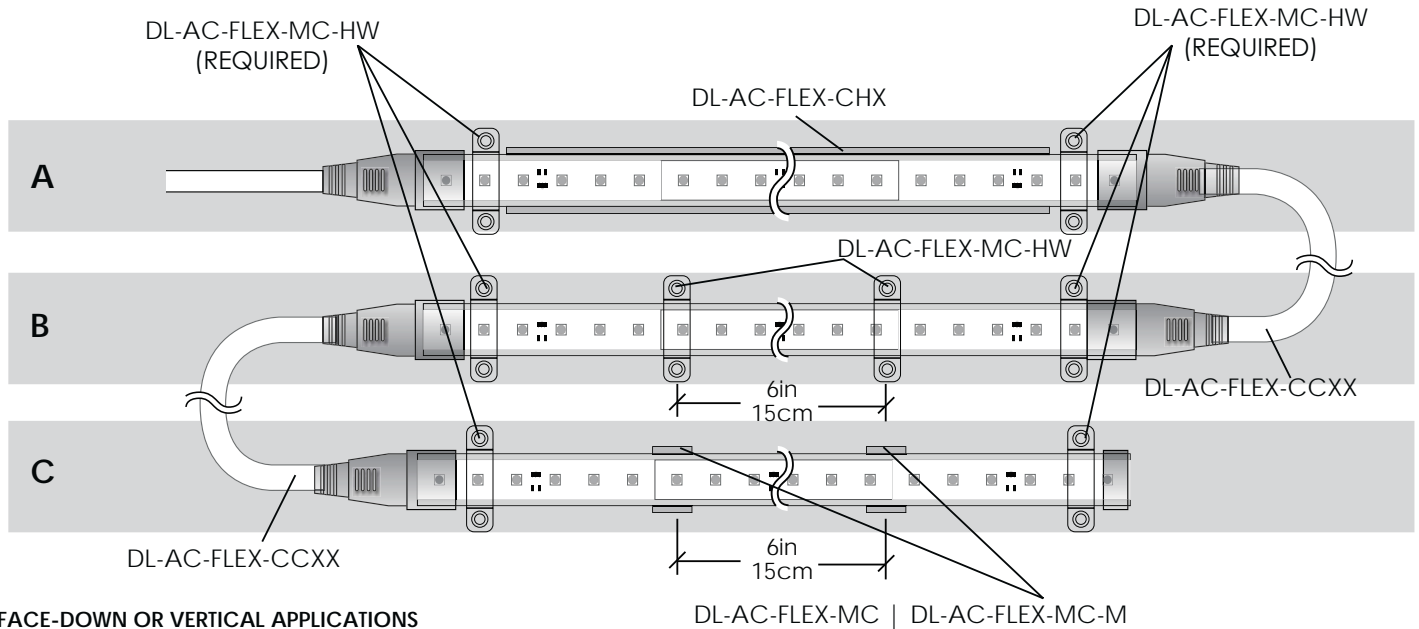


2x DL-AC-FLEX-MC-HW (Provided)
+
DL-AC-FLEX-MC | DL-AC-FLEX-MC-M



Secure mounting U clips on wall or other surfaces with self-tapping screws every 6 inches.
NOTE: 2 hardwire clips (provided) must be used to secure the beginning and the end of each section of DL-AC-FLEX.

Illustration is a representation of three sections of DL-AC-FLEX in one run using methods A, B & C (not to scale, not for installation)



FACE-DOWN OR VERTICAL APPLICATIONS
Mounting option (A) with channel is recommended.

FACE-UP OR HORIZONTAL APPLICATIONS
Mounting option (A)(B)&(C) are all appropriate.



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DL-AC-FLEX • INFINA • HW OPTION A

DL-AC-FLEX-HW
AC Flexible Linear Strip



INSTALLING DL-AC-FLEX-HW



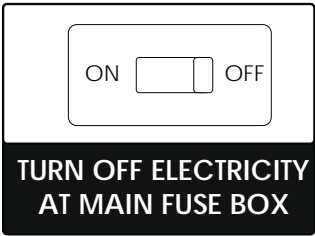
TURN OFF ELECTRICITY

at main fuse box (or circuit breaker box) before beginning installation by switching circuit breaker off or removing fuse.

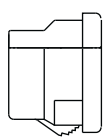
MIN 90° C SUPPLY CONDUCTORS.



CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT



HARDWARE (INCLUDED)

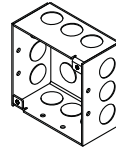


Single Use Parts

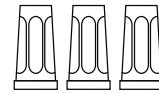
Permanently lock on SJT cord. Make sure to double check length before locking bushing on cord. Any attempt to remove the bushing will destroy the part.

SJT CORD STRAIN RELIEF BUSHING

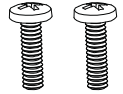
HARDWARE FOR INSTALLATION (NOT INCLUDED)



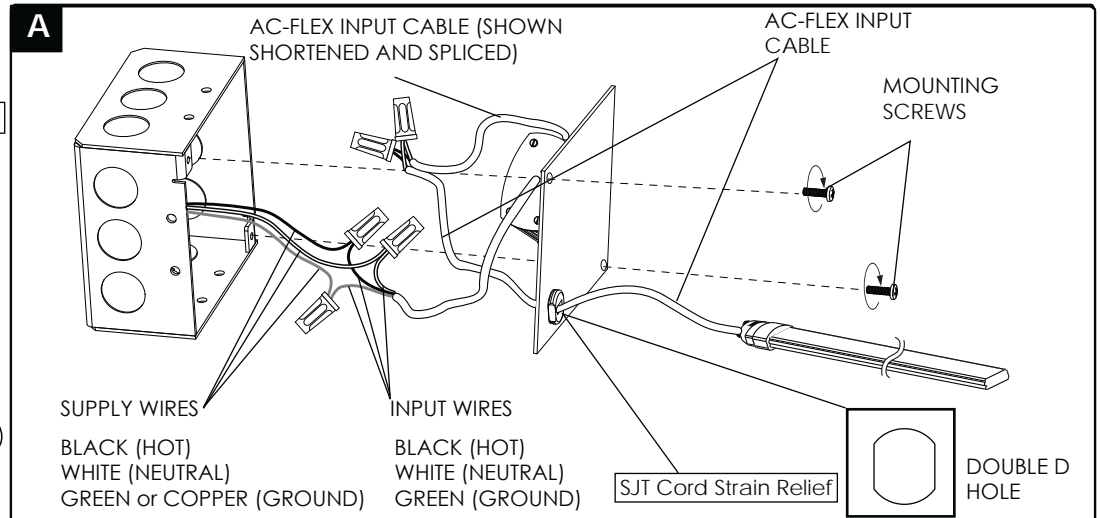
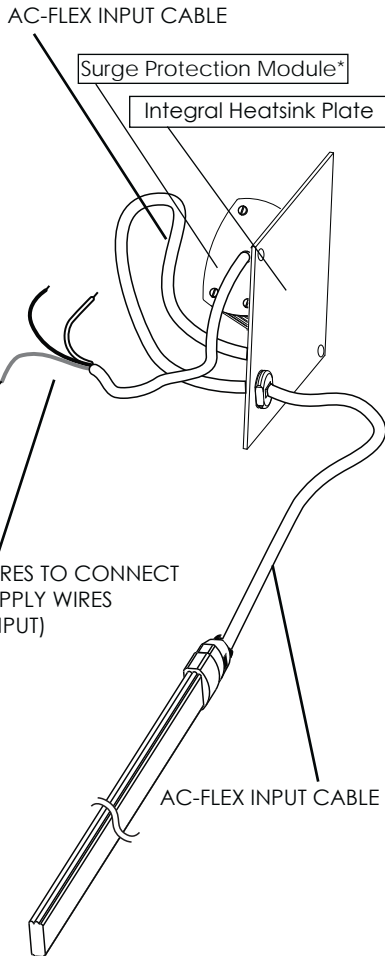
4" JUNCTION BOX (MIN. 2" DEPTH)



WIRE NUTS



8-32 MOUNTING SCREWS



CONNECT SURGE PROTECTION MODULE INPUT WIRES WITH SUPPLY WIRES

1. **Connect Supply Wires** to surge protection module input wires: black to black, white to white, and green or copper to green.
2. Secure all connections with wire nuts (not included).
3. Determine length needed outside of integral heat sink plate, secure included SJT cord strain relief onto AC-FLEX input cable with a pair of pliers and push it into integral heatink plate's DOUBLE D hole.

OPTIONAL: to shorten AC-FLEX input cable, measure and cut AC-FLEX input cable to desired length and reconnect cable black to black, white to white, inside of heatsink coverplate, secure connection with wire nuts (not included).

5. Carefully tuck all connected wires inside the junction box. Secure integral heatsink cover plate to junction box with mounting screws (not included), making sure to not pinch any wires or wire nuts.



INCORRECT BRANCH CIRCUIT CONNECTION WILL VOID THE WARRANTY OF THE PRODUCT.

NOT FOR OUTDOOR INSTALLATION



***DO NOT REMOVE SURGE PROTECTION MODULE FROM INTEGRAL HEATSINK COVERPLATE.**

Doing so is in direct violation to UL requirements and will void the warranty of the product.



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JW 12/28/2016

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Page 4 of 8



DL-AC-FLEX • INFINA • HW OPTION B

DL-AC-FLEX-HW
AC Flexible Linear Strip



INSTALLING DL-AC-FLEX-HW-CNDT



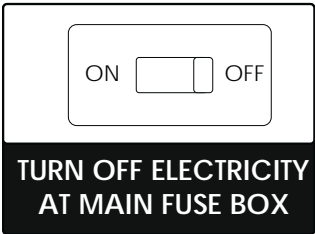
TURN OFF ELECTRICITY

at main fuse box (or circuit breaker box) before beginning installation by switching circuit breaker off or removing fuse.

MIN 90° C SUPPLY CONDUCTORS.



CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT

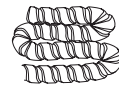


HARDWARE FOR INSTALLATION (INCLUDED)



SJT CORD STRAIN RELIEF

HARDWARE FOR INSTALLATION (NOT INCLUDED)



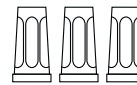
1/2" MC/AC FLEXIBLE CONDUIT



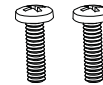
3/8" MC/AC PUSH-IN CONNECTOR



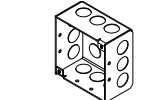
1/2" MC/AC CONDUIT BUSHING



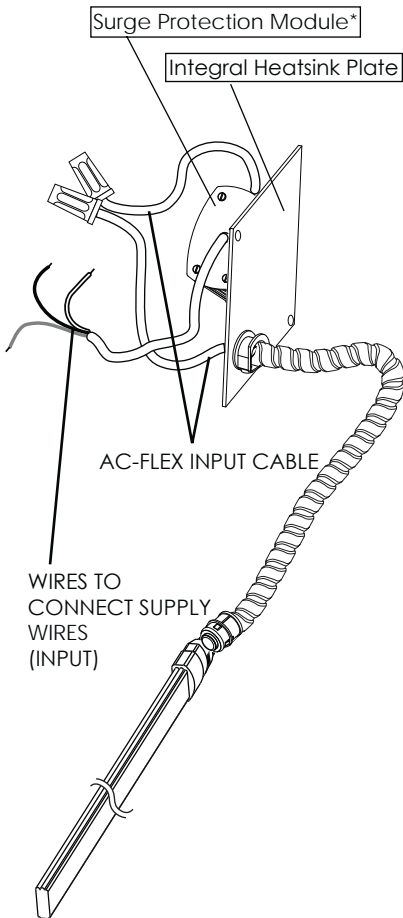
WIRE NUTS



MOUNTING SCREWS (MIN. 2" DEPTH)



4" JUNCTION BOX



<p>B1 AC FLEX INPUT CABLE</p>	<p>B3 1/2" MC/AC FLEXIBLE CONDUIT ASSEMBLY</p>
<p>B2 3/8" MC/AC Flexible Conduit Push-in Connector</p>	<p>B4 3/8" MC/AC CONNECTOR</p>
<p>B5 SURGE PROTECTION MODULE OUTPUT WIRE</p>	

INCORRECT BRANCH CIRCUIT CONNECTION WILL VOID THE WARRANTY OF THE PRODUCT.



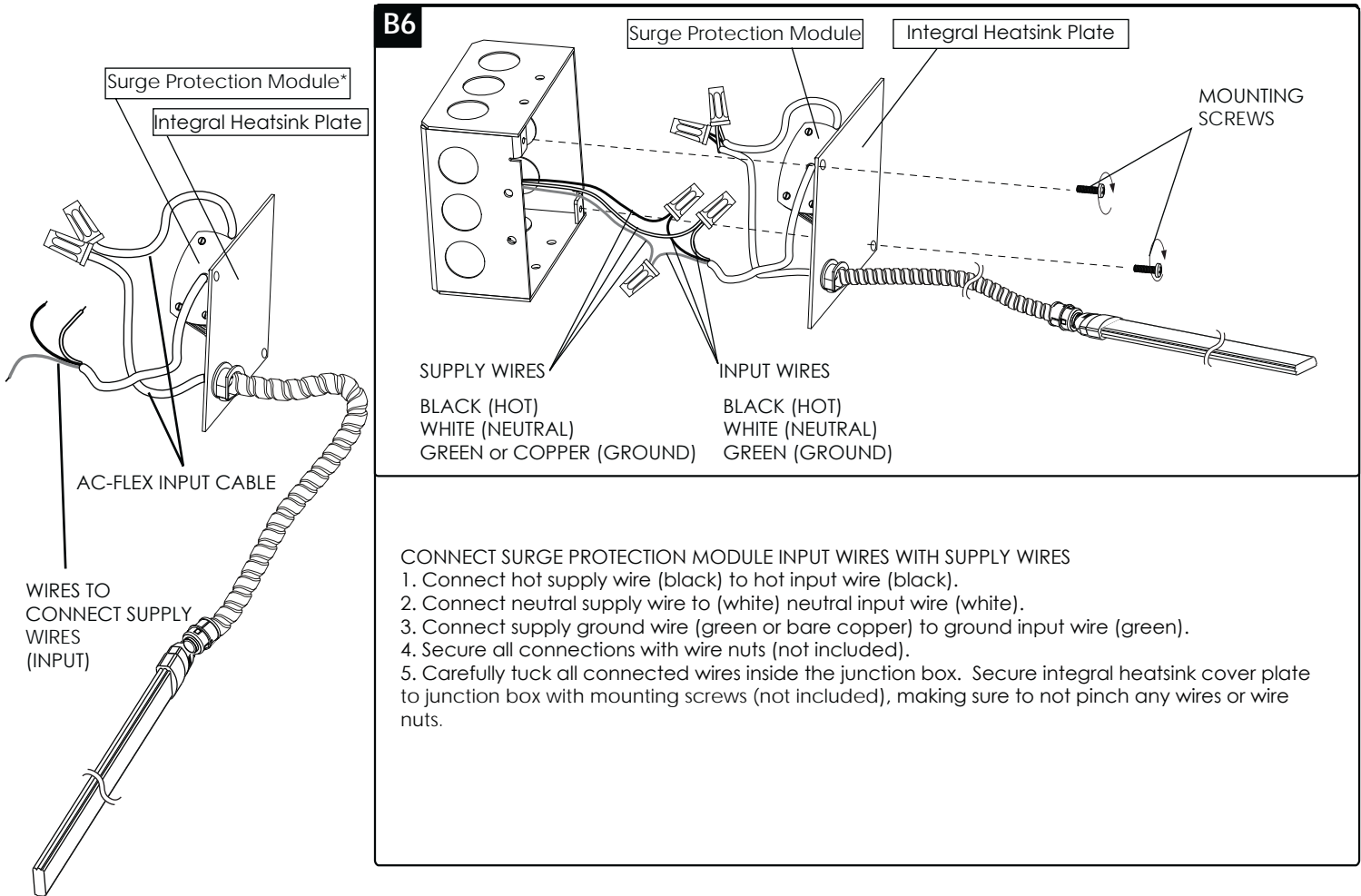
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INSTALLING DL-AC-FLEX-HW-CNDT (Continued)



**INCORRECT BRANCH CIRCUIT CONNECTION
WILL VOID THE WARRANTY OF THE PRODUCT.
*NOT FOR OUTDOOR INSTALLATION**



***DO NOT REMOVE SURGE PROTECTION MODULE FROM INTEGRAL HEATSINK COVERPLATE.**
Doing so is in direct violation to UL requirements and will void the warranty of the product.



DL-AC-FLEX • INFINA • HW OPTION B

DL-AC-FLEX-HW
AC Flexible Linear Strip



INSTALLING DL-AC-FLEX-HW-CNDT (EXTENDING CORD LENGTH WITH SPLICE BOX) for length requirements longer than 8 feet



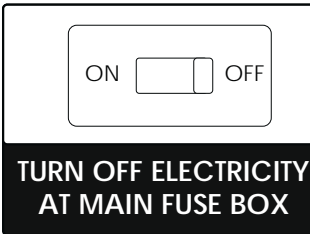
TURN OFF ELECTRICITY

at main fuse box (or circuit breaker box) before beginning installation by switching circuit breaker off or removing fuse.

MIN 90° C SUPPLY CONDUCTORS.



CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT

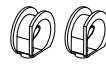


HARDWARE FOR INSTALLATION (INCLUDED)

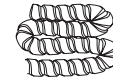


SJT CORD STRAIN RELIEF

HARDWARE FOR INSTALLATION (NOT INCLUDED)



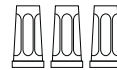
3/8" CONDUIT CONNECTOR



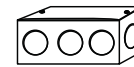
1/2" MC/AC FLEXIBLE CONDUIT



1/2" MC/AC CONDUIT BUSHING



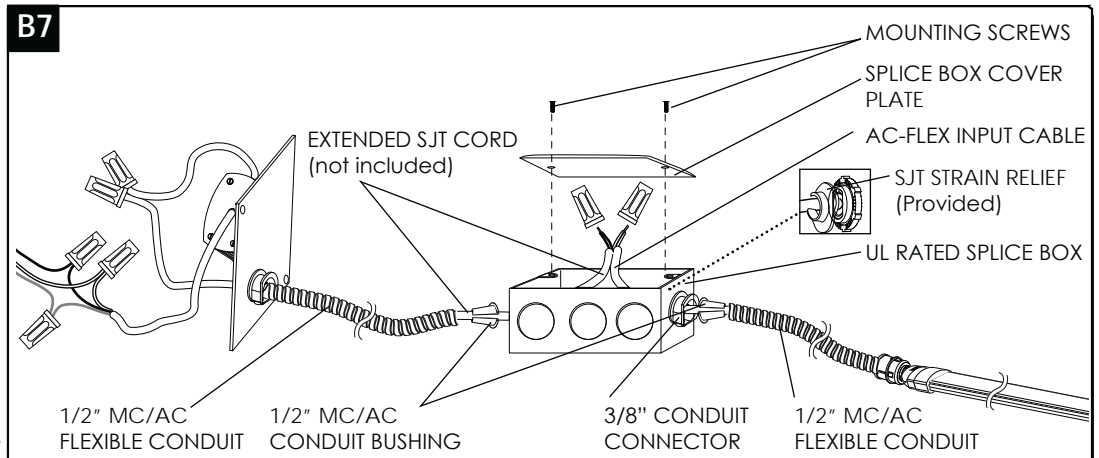
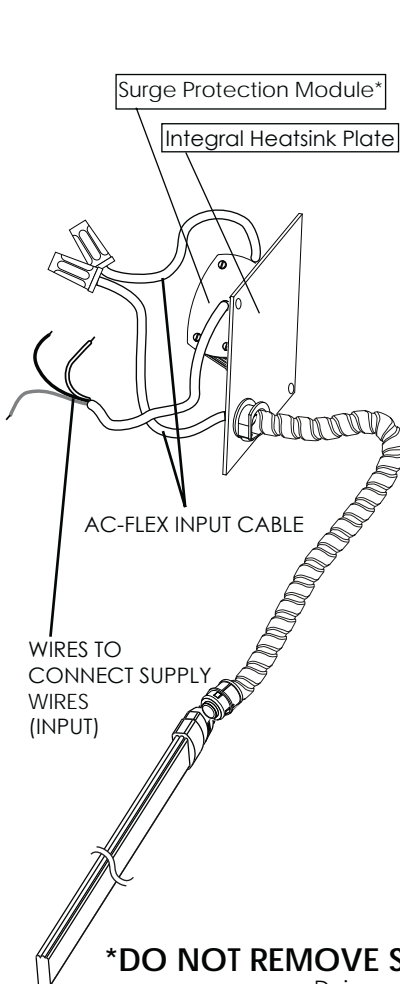
WIRE NUTS



UL RATED SPLICE BOX WITH COVER



SJT CORD



PREPARE SPLICE BOX TO USE

1. Punch out two knock outs on a splice box and connect two 3/8" conduit connectors to the splice box, one for input connection and one for output connection.

CONNECT AC-FLEX INTO SPLICE BOX

2. Follow **STEPS B2** and **B3**, then connect 1/2" MC/AC flexible conduit assembly to one of the splice box's 3/8" conduit connectors, tighten set screw on 3/8" conduit connector to secure the connection.

3. Reference **STEP B5** to attach provided SJT strain relief on AC-FLEX input wire.

CONNECT EXTENDED SJT CORD INTO SPLICE BOX AND INTEGRAL HEATSINK PLATE

4. Feed SJT cord through 1/2" flexible conduit, insert 3/8" conduit bushing on both ends of 1/2" flexible conduit. Connect 1/2" flexible conduit assembly to 3/8" connectors on splice box and on integral heatsink plate, tighten set screws to secure all connections.

CONNECT EXTENDED SJT CORD TO AC-FLEX INPUT CABLE

5. Connect BLACK and WHITE wires from extended SJT cord and AC-FLEX input cable, secure all connections with wire nuts. Use mounting screws to secure cover plate to splice box.



INCORRECT BRANCH CIRCUIT CONNECTION WILL VOID THE WARRANTY OF THE PRODUCT. *NOT FOR OUTDOOR INSTALLATION



***DO NOT REMOVE SURGE PROTECTION MODULE FROM INTEGRAL HEATSINK COVERPLATE.**

Doing so is in direct violation to UL requirements and will void the warranty of the product.



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INSTALLING DL-FLEX-HW-RADJ



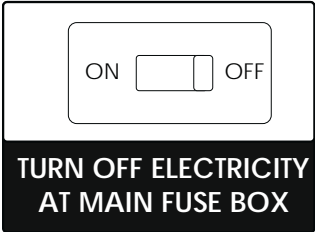
TURN OFF ELECTRICITY

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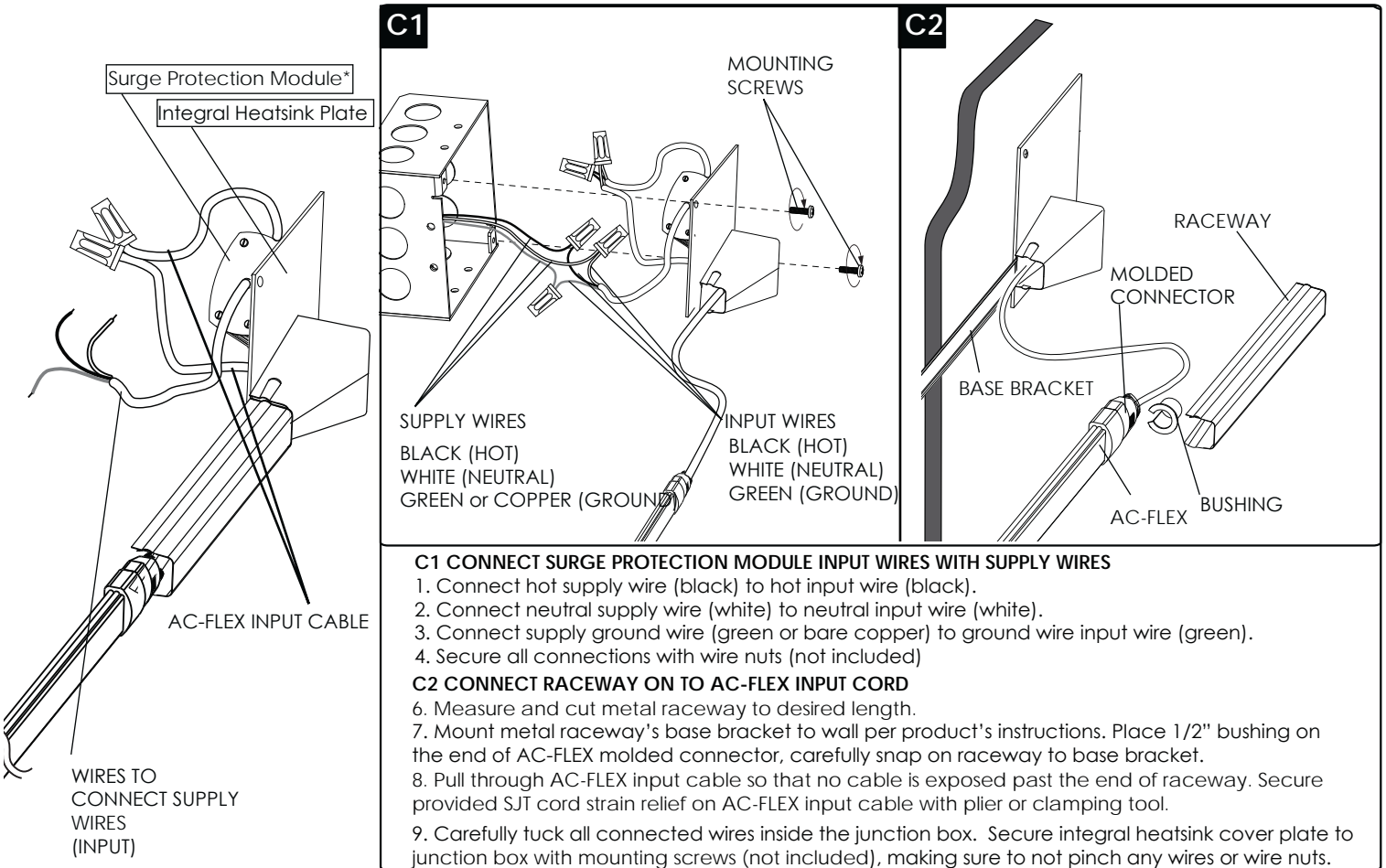
MIN 90° C SUPPLY CONDUCTORS.



CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT



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