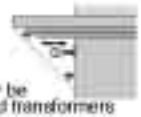
ELECTROBITS INTERNATIONAL INC.

Installation Instructions



Model series: HVC1001

- Dry / damp locations
- Rated 7.5KV AC to Ground. May be used with 15KV mid-point grounded transformers

Warning : Risk of fire or electric shock! Electrobits High Voltage Connector HVC1001 is to be used in dry and damp locations only.

Warning : Risk of electric shock!

Electrobits parts may be installed in indoors or outdoors sign bodies (channel letters and others, with any sign face material), portable show window signs, skeletal neon signs, etc. For outdoor lighting neon (border type neon); Electrobits parts must be sheltered within the perimeter of a 45° right angle triangle.

1. Unscrew yellow plastic cap which has a yellow plastic GTO wire spacer and brass crimp inside.
2. Orient the connector so that the duplex entry is pointing downward. Fasten the connector using the two #8 self taping screws provided in the two upper holes.
3. Bring your GTO wires with sleeving or GTO integral Sleeve Cable and/or ½" flexible metallic conduit through the duplex entry leaving 5 inches of wire standing.
4. Fasten Sleeving and/or flexible metal conduit by screwing the locking plate in place.
5. Strip 1 inch of insulation from the GTO wires. Insert the yellow plastic spacer between the GTO wires and into the connector. Twist the bare ends of the GTO wires together at the top of the plastic spacer and fasten with the brass crimp. Always maintain GTO insulation to the very top of the spacer. Trim excess wire. See splicing figure on left.
6. Screw yellow plastic cap in place over GTO wires.
7. Connect ground bonding wire if required to green ground screws. You must use the 2 provided grounding screws when using 6 feet or more of metallic conduit. If using non metallic conduit, you must always use the provided seperate ground attachement path.

This device is suitable for insulating high voltage GTO splice connection up to 7.5 kV AC to ground or 15 kV mid-point referenced transformer.
This GTO splice insulator may be used in indoor dry locations without any additional enclosure.

High Voltage Connector (HVC 1001)
Accepts ½" conduits

ELECTROBITS INTERNATIONAL INC.

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