

Insulation Piercing Connectors - Above Ground



INSTALLS IN JUST MINUTES
SAVING MANY MAN-HOURS ON THE JOB

ELIMINATES WIRE STRIPPING
CONNECTING & TAPING OF SPLIT BOLTS
AND ADDING INHIBITOR

CAN BE INSTALLED ON ENERGIZED
CIRCUITS ELIMINATING POWER
SHUTDOWNS



Red 'Turbo Spacer'

Allows for main wire to be inserted
& hand tightened, while spacer
holds the tap location completely
open for easy wire insertion
All models except 96102 & 96104

'Turbo'
Spacer



Blue Rubber Insert

Replaces insulation when used on
bare wire. Used to avoid any damage
on neutral messenger.



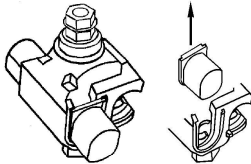
Remove blue
insert if main
wire is insulated



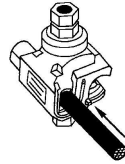
Leave blue insert if main
wire is bare

Only on Models 96106, 96110, 96114

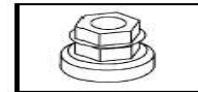
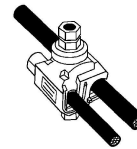
1 - Determine direction for tap conductor
to enter connector.
Remove and discard extra end cap.



2 - Insert tap conductor,
making sure conductor is
fully seated in end cap.



3 - Place connector on main conductor & tighten
the bolt with a closed-end wrench
or socket until top shear-head
nut breaks off.



Before
Torquing



After
Torquing

- Overhead services - both insulated & bare mains, above grade URD services, street lighting, non-tension splicing & tapping, insulated replacement for split bolts, tapping without cutting the main, gutter taps
- Double shear-head bolt guarantees correct torque every time, ensuring a quality connection, & eliminating the possibility of hot spots, damaged wires or loose connections
- No cable stripping required, simply insert the jacketed cable into the entry port & tighten with a 1/2" 6 point socket
- Turbo spacer allows tap side to remain open while you hand tighten the connector on the main wire (note models)
- The bolt and all external parts of the connector are completely isolated from energized parts and the bolt is covered by the plastic shear-head. The installer has no contact with an energized part
- Can be installed on energized conductors, however, the tap must not be under load
- Corrosion-free connection is good for hot, cold, damp, & salty connections. Properly installed the connector seals water-tight.
- This is accomplished by a sealant gel, that during installation is compressed and forces sealant to protect the connection from oxygen and water. Copper teeth are tin plated, the connector bodies are made from strength fiber-reinforced thermoplastic and galvanized steel bolts

DIMENSIONS = INCHES

CAT. NO.	NUMBER OF BOLTS	TORQUE IN INCH LBS.	BOLT HEAD SIZE	CONDUCTOR RANGE		DIMENSIONS IN INCHES			BOX QTY
				MAIN AWG	TAP AWG	H	W	L	
96102	1	80	1/2	2/0-6	8-14	3.6	1.7	2.7	12
96104	1	80	1/2	750-3/0	10-14	4.3	2.4	2.8	12
96106	1	80	1/2	1/0-8	2-10	3.7	2.0	3.0	12
96110	1	125	1/2	1/0-8	1/0-8	3.7	2.0	3.0	12
96108	1	125	1/2	4/0-3	2-10	3.9	1.7	2.7	12
96114	1	160	1/2	250-4	4/0-6	4.3	2.4	3.2	12
96116	2	330	5/8	350-1/0	350-1/0	5.4	3.1	5.0	4
96118	2	330	5/8	500-2/0	4/0-4	5.4	3.1	5.0	4
96120	2	330	5/8	500-4/0	350-1/0	5.4	3.0	5.0	4
96122	2	330	5/8	750-250	500-250	5.6	3.6	5.7	4