



DETAIL A
SCALE 5:1

TYPE 2 PLACES

NOTES:

1. MATERIAL:
BODY AND CAP: CAST ALUMINUM BRONZE
HARDWARE: SILICONE BRONZE.
2. CONDUCTOR RANGE:
#6 AWG STRANDED COPPER TO
2/0 AWG STRANDED COPPER.
- 3 ACCOMMODATES A SINGLE CONDUCTOR OR ANY COMBINATION OF TWO
CONDUCTORS HAVING THE INDICATED CONDUCTOR RANGE.
4. PENDING UL LISTED TO UL467 GROUNDING AND BONDING EQUIPMENT.
5. PENDING CSA CERTIFICATION TO C22.2, NO.41, GROUNDING AND
BONDING EQUIPMENT.
6. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS AND ARE ROUNDED
OFF TO THE NEAREST MILLIMETER AND ARE FOR REFERENCE ONLY.
- 7 FOR HUMID OR MOIST APPLICATIONS, FC BURNDY PENETROX (TM) E,
JOINT OXIDE INHIBITOR OR EQUIVALENT, SHALL BE ADDED TO THESE SURFACES
OF THE CONNECTOR BEFORE ASSEMBLY. APPLY A 1/4" BEAD OF JOINT OXIDE
INHIBITOR TO THE ENTIRE LENGTH OF EACH SURFACE AND ASSEMBLE USING
INSTALLATION PROCEDURE.
8. CALIBRATED TORQUE WRENCH SHALL BE USED TO TIGHTEN HEX NUTS AND SHALL
HAVE AN ACCURACY OF +/- 5 LB - IN AT 245 LB - IN.

INSTALLATION PROCEDURE:

1. CHOOSE LOCATION ON PAINTED PEDESTAL TO INSTALL
GPI726RT CONNECTOR.
2. WIPE PAINTED SURFACE WITH CLOTH TO REMOVE ANY DUST,
PARTICLES OR FOREIGN MATTER FROM SURFACE. (IT IS NOT
NECESSARY TO REMOVE PAINT).
3. REMOVE HARDWARE AND DISASSEMBLE CONNECTOR COMPONENTS.
4. PLACE BODY IN DESIRED POSITION WITH THE SHARP MACHINED
STEPS AGAINST THE PEDESTAL.
5. ASSEMBLE U-BOLT AROUND PEDESTAL AND THROUGH BODY
OF THE CONNECTOR.
6. PLACE CAP ONTO U-BOLT WITH CONDUCTOR GROOVES OF THE
CAP FACING THE CONDUCTOR GROOVES OF THE BODY.
ASSEMBLE LOCKWASHERS AND THE HEX NUTS ONTO THE
U-BOLTS LOOSELY.
7. PLACE CONDUCTORS INTO CONDUCTOR GROOVES OF
THE LOOSELY ASSEMBLED CONNECTOR ASSEMBLY.
8. ALTERNATING BETWEEN HEX NUTS, GRADUALLY
TIGHTEN THE HEX NUTS OF THE CONNECTOR TO 245
NOMINAL LB-IN (240 MINIMUM, 250 MAXIMUM LB-IN)
SECURING THE CONDUCTOR AND THE CONNECTOR TO THE
PEDESTAL ASSEMBLY.

NOTE: TIGHTENING THE CONNECTOR ASSEMBLY TO
240 LB-IN ENABLES THE SHARP STEPS ON THE BODY TO
PENETRATE THE PAINTED PEDESTAL RESULTING IN AN ELECTRICAL
CONNECTION BETWEEN THE CONDUCTORS AND THE PEDESTAL.

TO ORDER BURNDY PRODUCTS CALL 1-800-346-4175 MANCHESTER, NH 03109, USA FOR PRODUCT INFO = http://www.fcconnect.com			
PAINT PENETRATING RAISED FLOOR GROUND CLAMP			
ITEM NO: 25004320			
CAT. NO: GPI726RT			
DRAWN BY: R.LAVOIE	24-Mar-97		
CHECKER: --	--		
DSN APPVL: K.MELLO	4/24/97		
MFG APPVL: --	--		
QA APPVL: D.VARIO	4/24/97		
MKT APPVL: T.NELSON/DH	4/24/97	SCALE: 1:1	REV
PROD FAM: --	DRAWING NO	SC0210786-01	A
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