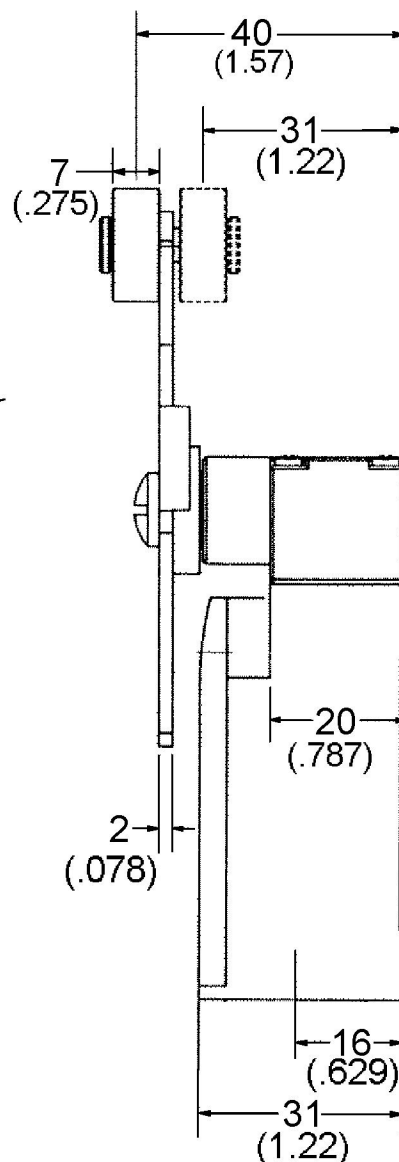


GLLA01A2B

Technical drawing of a 1/2 inch NPT Conduit Tee. The drawing shows a side view of the tee fitting, which is made of PLATED COPPER ALLOY. Key dimensions and features include:

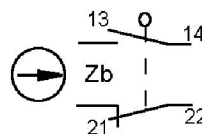
- Material:** PLATED COPPER ALLOY
- Thread:** 1/2" NPT CONDUIT THREAD
- Dimensions (inches / millimeters):**
 - Overall height: 62 (2.44)
 - Height from base to center of branch: 19.5 (767)
 - Height from base to center of main body: 4 (.157)
 - Height from center of branch to center of main body: 8 (.314)
 - Width of base: 30.5 (1.20)
 - Width of main body: 22 (.866)
 - Width of branch: 1 (.039)
 - Radius of branch: R20-75 (.79-2.95)
- Labels and Features:**
 - PT: Porting Thread
 - DT: Drilling Thread
 - OP: Outer Port
 - TT: Tee Thread
 - Ø17 (.669): Diameter of the main body



NOTES :

- 1 - BLUE GLASS FIBER REINFORCED PBT HOUSING AND COVER.
BLACK GLASS FIBER REINFORCED POM HEAD.
- 2 - ENCLOSURE DOUBLE INSULATED TO IEC 536 CLASS II.
- 3 - MINIMUM OPERATING VELOCITY (V_{min}) = 1.0 MM/S
MAXIMUM OPERATING VELOCITY (V_{max}) = 2 M/S
MAXIMUM OPERATING FREQUENCY (F_{max}) = 120 OPS/MIN
- 4 - FREE POSITION (FP), OPERATING POINT (OP), TOTAL TRAVEL (TT), AND
PRETRAVEL (PT) ALL TO EN50047.
- 5 - MAXIMUM TIGHTENING TORQUE FOR SCREWS
FOR HEAD SCREWS : 0.2 Nm (1.7 in-lbs)
COVER SCREWS : 0.5 Nm (4.4 in-lbs)
LEVER RETAINING SCREW (SIDE ROTARY) : 1 Nm (9 in-lbs)
TERMINAL SCREWS (RECOMMENDED) : 0.8 Nm - 1.0 Nm (7-9 in-lbs)
- 6 - RECOMMENDED WIRE SIZE : 18 AWG - 16 AWG (.75mm²- 1.5mm²) SOLID
18 AWG - 14 AWG (.75mm²- 2.5mm²) STRANDED

SNAP ACTION CONTACTS



IEC 60947-5-1 ELECTRICAL RATING				ENVIRONMENTAL RATINGS		APPROVALS
AC		DC		IP66 NEMA 1, 12, 13		    EN50047 IEC 60947-5-1
A800	AC15	Q300	DC13	TEMP RANGE: -10°C to 80°C 14°F to 176°F SHOCK: 50G FOR IEC 68-2-27 VIBRATION: 10G PER IEC 68-2-6		
Ue	Ie	Ue	Ie			
VOLTS	AMPS	VOLTS	AMPS			
120	6	125	0.55			
240	3	250	0.27			
380	1.9					
480	1.5					
500	1.4					
600	1.2					
Ith = 10A						

DESIGN UNITS: INCH
TOLERANCES UNLESS NOTED:

NO PLACE	X	±
ONE PLACE	.X	±
TWO PLACE	.XX	±
THREE PLACE	.XXX	±
FOUR PLACE	.XXXX	±
ANGLES		±

THIRD ANGLE PROJECTION



DRAWN	PM	17MAY05
CHECK		
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INTERPRET PER ASME Y14.5M-1994 OTHER HONEYWELL ENGINEERING STANDARDS MAY APPLY		
RASTER		

Honeywell

TITLE

SWITCH, LIMIT

SIZE B	TYPE I	DRAWING NAME GLLA01A2B		REV G
SCALE -			SHEET 1 OF 1	