



25±1
[.984±.039]
Ø 7.991-8.000
[.3146-.3150]
0.02 [0.001]
-A-

Ø 29.979-30.000
[1.1803-1.1811]
0.06 [0.0024] A

1.80-2.00
[.071-.079]
0.90-1.00
[.035-.039]
17
[.67]
Ø 8.9
[.35]
18.0-18.1
[.709-.713]

KEY SUPPLIED
3+0, -0.025 x
3+0, -0.025 x
15
Ø 16xØ 8.9x3
OPTIONAL SHAFT SEAL

ENCODER CONNECTOR
AMP 206152-1 HOUSING
AMP 206070-8 BACKSHELL
AMP 1658540-4 PIN CONTACTS

POWER CONNECTOR
AMP 206705-2 HOUSING
AMP 206966-7 BACKSHELL
AMP 66102-9 PIN CONTACTS (U, V, W)
AMP 164161-4 PIN CONTACT (GROUND)

PIN-OUT		
ENCODER CONNECTOR		
PIN	FUNCTION	COLOR
1-8	-	-
9	AM+	GREEN
10	AM-	GREEN/BLACK
11	BM+	BLUE
12	BM-	BLUE/BLACK
13	IM+	YELLOW
14	IM-	YELLOW/BLACK
15	SI+	GREY/BLACK
16	SI-	GREY
17	S2+	BROWN/BLACK
18	S2-	BROWN
19	S3+	WHITE/BLACK
20	S3-	WHITE
21	-	-
22	EPWR 5V	RED
23	ECOM	BLACK
24	SHIELD	DRAIN WIRE
25-28	-	-

PIN-OUT		
POWER CONNECTOR		
PIN	FUNCTION	COLOR
1	U	RED
2	V	BLACK
3	W	WHITE
4	-	-
5	GROUND	YELLOW/GREEN

SHAFT DETAIL (NO SCALE)

NOTES:

1. FOR ADDITIONAL SPECIFICATIONS SEE 10000000426, CATALOG NO. TLY-A120T-HJ62AA.

REFERENCES	
VERSION/CHANGE NUMBER	UNLESS OTHERWISE SPECIFIED
00	10003215

DO NOT SCALE DRAWING
DIMENSIONS ARE IN MILLIMETERS WITH INCHES REFERENCED (X)
UNTOLERANCED DIMENSIONS ARE REFERENCE
3RD ANGLE PROJECTION

DESCRIPTION	
TLY-A120T-HJ62AA, ESM	
Rockwell Automation	
DR. S. JOHNSON	DATE 5/23/07
DXF 2D OR STEP 3D FILE AVAILABLE	

CAD DOCUMENT	
<i>Allen-Bradley</i>	
SHEET 1	OF 1
DWG. SIZE B	DOCUMENT NUMBER 10000004533