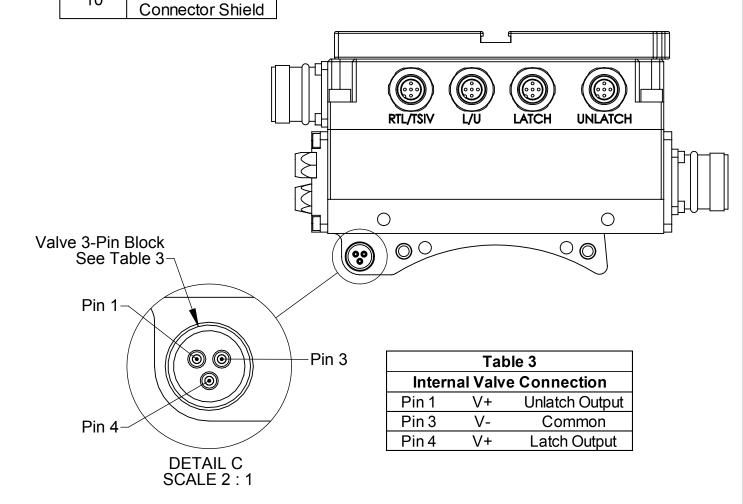


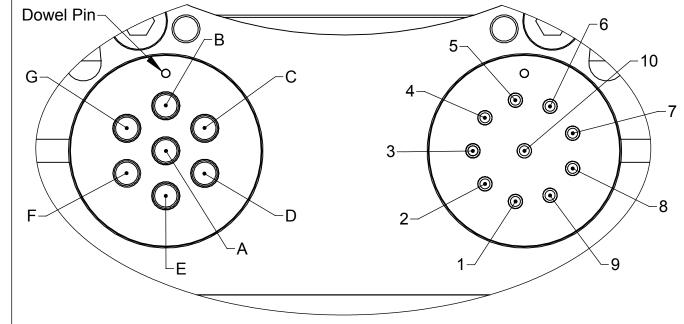
Table 1: 7-Pin Block			
Pin	Description		
Α	FE		
В	+24 V U _{S1}		
С	N/C		
D	GND V U _{S1}		
Ε	GND V U _{S2}		
F	Arc Switch Enable		
G	+24 V U _{S2}		

Table 2: 10-Pin Block				
Pin	Description			
1	Available			
2	Available			
3	Available			
4	Available			
5	Available			
6	TSI In			
7	Available			
8	TSI Out			
9	Available			
10	Weld Measure Line			

10

Rev.	Description	Initiator	Date
-	See Sheet1	-	-

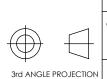




Tool Side Pin Blocks DETAIL B SCALE 1.5 : 1

NOTES: UNLESS OTHERWISE SPECIFIED.

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DRAWN BY: W. Berrocal, 5/11/11 CHECKED BY: A. Strotzer, 5/17/11

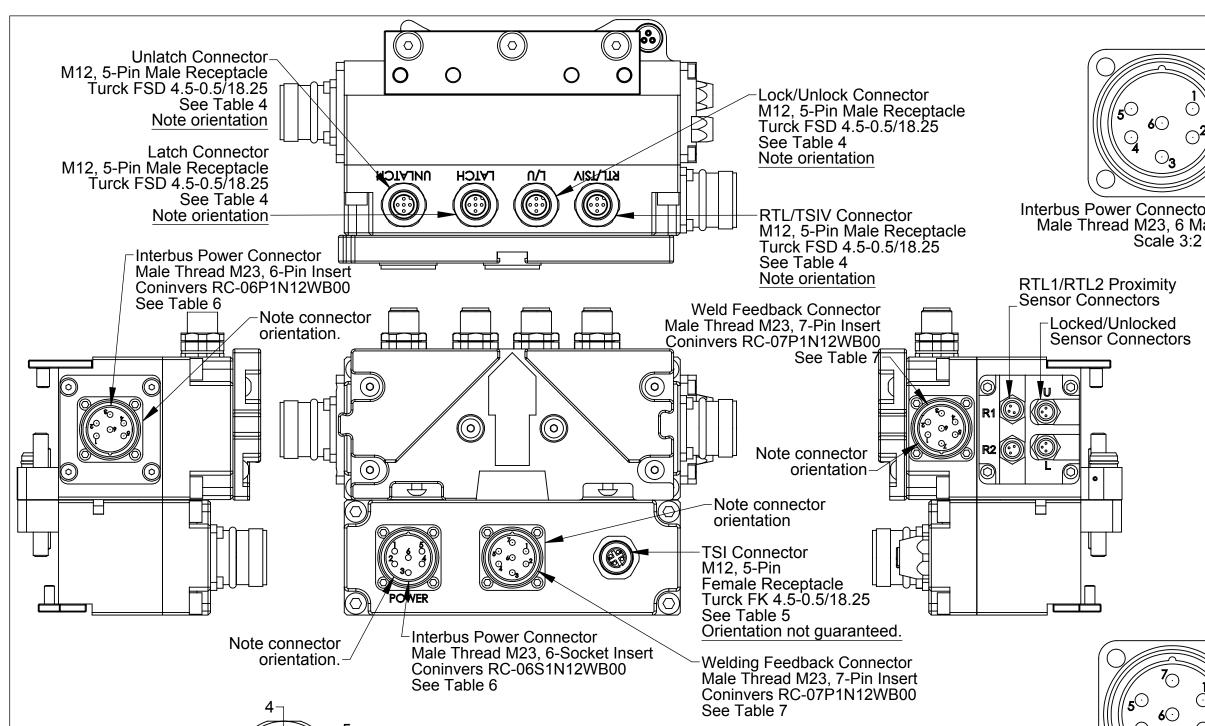
VJ4 Discrete Module for Rugged Line Interbus I/O Block

SCALE PROJECT # 080918-1 SHEET 2 OF 5 1:2

DRAWING NUMBER В 9630-20-VJ4

REVISION

07



Interbus Power Connector (Master Side)
Male Thread M23, 6 Male Contacts

Interbus Power Connector (Tool Side)
Male Thread M23, 6 Female Contacts

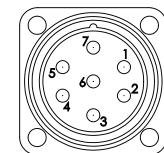
Initiator

Description

See Sheet1

Scale 3:2

Table 6			
nterbus Power Connection			
1	+24 V U _{S1}		
2	GND V U _{S1}		
3	+24 V U _{S2}		
4	GND V U _{S2}		
5	FE		
6	N/C		



Welding Feedback Connector (Master and Tool Side) Male Thread M23, 7 Male Contacts Scale 3:2

Weld Feedback Connector		
(Master and	d Tool)	
1	Available	
2	Available	
3	Available	
4	Available	
5	Available	
6	Available	
7	Available	
Connector Shell	Shield	

Table 7

M12, 5-Pin Male Receptacle (Master Side) Turck FSD 4.5-0.5/18.25 Scale 3:2

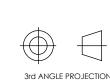
RTL/T	SIV Connector	L/U	Connector	LATC	H Connector	UNLA	TCH Connector
1	V+	1	V+	1	N/C	1	N/C
2	RTL	2	Unlocked	2	N/C	2	N/C
3	V-	3	V-	3	V-	3	V-
4	TSIV	4	Locked	4	Latch	4	Unlatch
5	N/C	5	N/C	5	N/C	5	N/C

M12, 4-Pin Female Receptacle (Tool Side) Turck FK 4.4-0.5/18.25 Scale 3:2

Table 5					
TSI Connector					
1	N/C				
2	TSI In				
3	TSI Out				
4	N/C				

NOTES: UNLESS OTHERWISE SPECIFIED.

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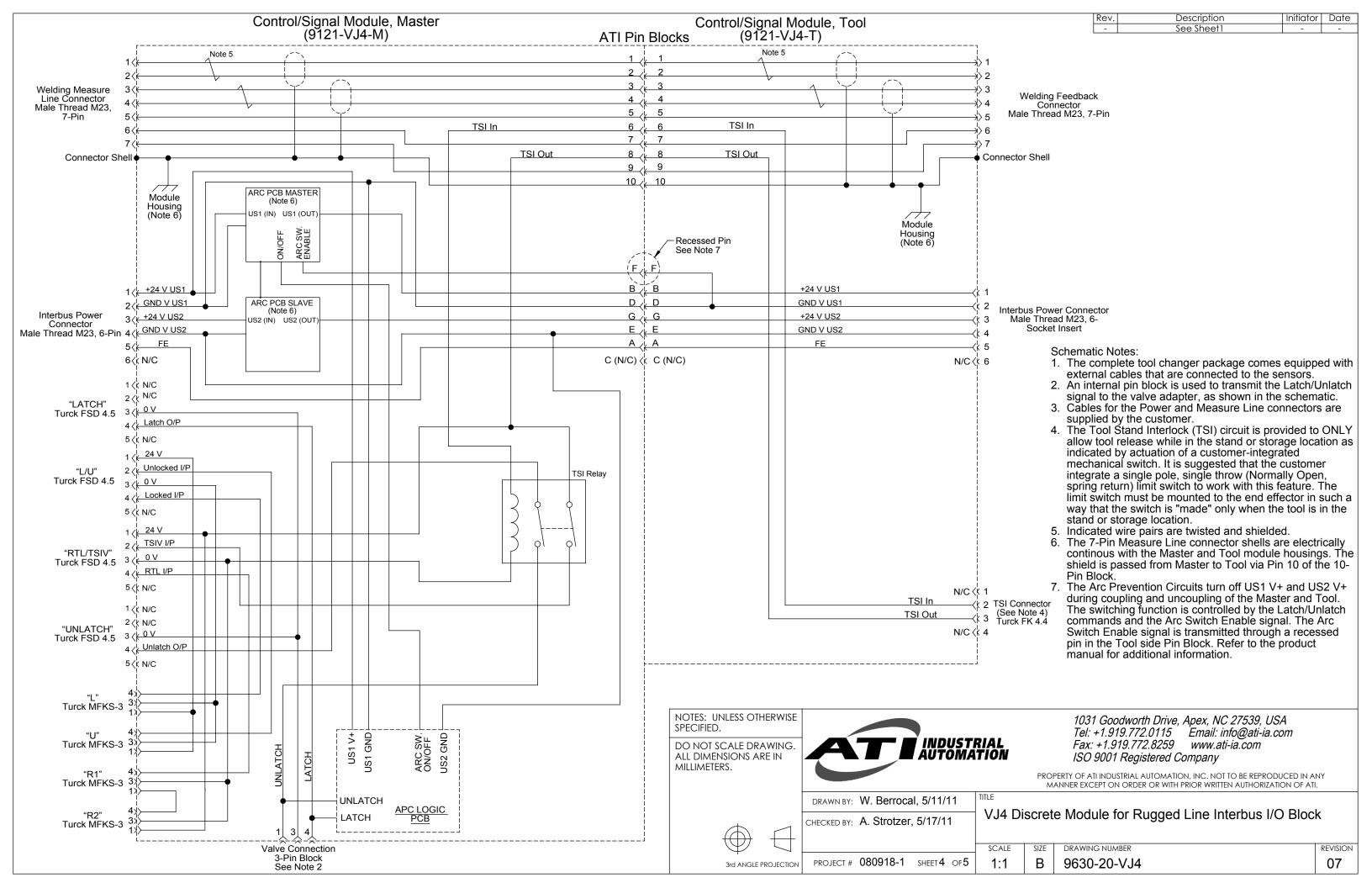


PRAWN BY: W. Berrocal, 5/11/11	TITLE
ECKED BY: A. Strotzer, 5/17/11	VJ4 Discrete Module for Rugged Line Interbus I/O Block

PROJECT # 080918-1 SHEET 3 OF 5 1:2

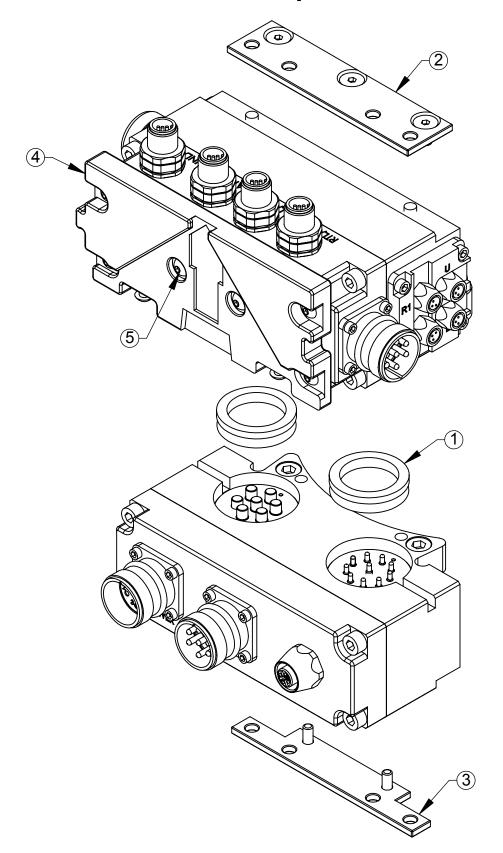
В

DRAWING NUMBER 9630-20-VJ4 REVISION 07



Description Initiator See Sheet1

VJ4 Module Spare Parts



VJ4 SPARE PARTS					
ITEM NUMBER	QUANTITY	PART NUMBER	DESCRIPTION		
1	2	4010-0000030-01	V-Ring Seal		
2	1	9005-20-1198	Master Cleat Sub-Assembly		
3	1	9005-20-1199	Tool Cleat Sub-Assembly		
4	1	3710-20-3376	Phoenix Contact Mounting Plate, IBS RL AP		
5	8	3500-1162010-21	BHCS, M4x10, SS		

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CHECKED BY: A. Strotzer, 5/17/11

DRAWN BY: W. Berrocal, 5/11/11 VJ4 Discrete Module for Rugged Line Interbus I/O Block

PROJECT # 080918-1 SHEET 5 OF 5 1:1

DRAWING NUMBER 9630-20-VJ4 REVISION

07