



COVER SHEET



EQUIPMENT DESIGNATION: MF ROBOT CABINET
 DRAWING NO. :
 EQUIPMENT NUMBER
 PLANT : JAGUAR LANDROVER
 INSTALLATION LOCATION : HALEWOOD L359

SUPPLY : 415 VAC 50 Hz
 SUPPLY CABLE : 3 PHASE
 CONTROL VOLTAGE(S) : 24 VDC
 YEAR OF MANUFACTURE : 2005
 PROGRAMMABLE CONTROLLER :

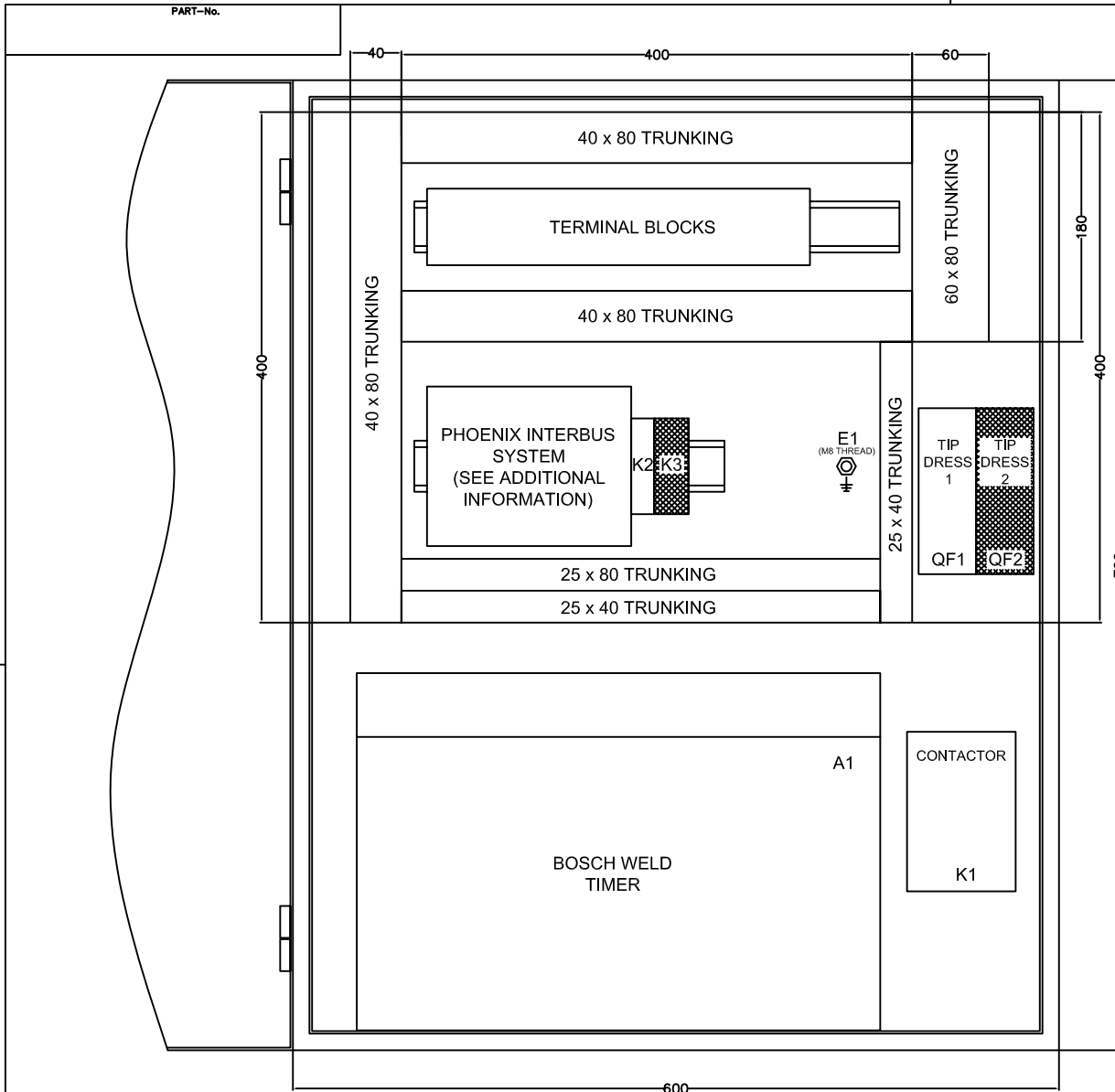
MANUFACTURER : BOSCH REXROTH
 : CIRENCESTER
 MANUF. REF. :
 RESPONSIBLE FOR PROJECT : JEZ FOSTER
 LAST CHANGED : 26.10.05

DETAILS OF ANY HAND WRITTEN CHANGES TO THESE DRAWINGS SHOULD BE WRITTEN HERE

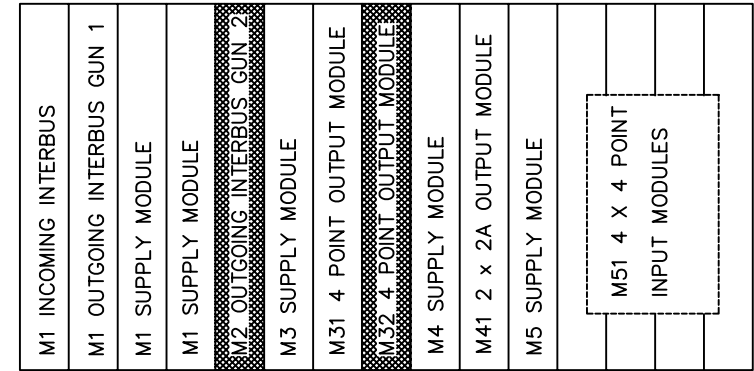


1		P1		REVISION	TOLERANCES UNLESS OTHERWISE STATED			No. SETS	NAME	DATE	THIS DRAWING REMAINS THE PROPERTY OF REXROTH BOSCH GROUP, AND MAY NOT BE DISCLOSED TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF THE COMPANY. INFORMATION SUBMITTED ON THIS DRG. FOR CLIENTS APPROVAL DOES NOT IMPLY TECHNICAL LIABILITY.	Rexroth Bosch Group ELECTRIC DRIVES AND CONTROLS BROADWAY LANE SOUTH CERNEY, CIRENCESTER GL7 5UH	
ISSUE 1	PRELIMINARY ISSUE 1	DESCRIPTION	Dimensions in mm	Machining	Fabrications, castings and forgings	DATE RELEASED							
JF	07.10.05	AM	03.05.05	DATE & SIG	Up to 20 above 20 to 50 above 50 to 200 above 200 to 500 above 500 to 1000 1000 and above	±0.1 ±0.15 ±0.2 ±0.4 ±0.8 ±1.2	±0.5 ±1.0 ±1.5 ±2.0 ±3.0 ±6.0		AM	03.05.05			
TITLE								DRAWING No.		SHEET			REVISION
COVER SHEET MF ROBOT CABINET								ES026-B786		1 of 25	1		
SCALE: - 1 : 1								MAF	THIRD ANGLE PROJECTION		SIMILAR TO: -		

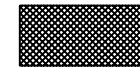
A
B
C
D
E
F
SIZE A2



VIEW OF CABINET WITH DOOR OPEN



PHOENIX INTERBUS SYSTEM
ADDITIONAL
INFORMATION



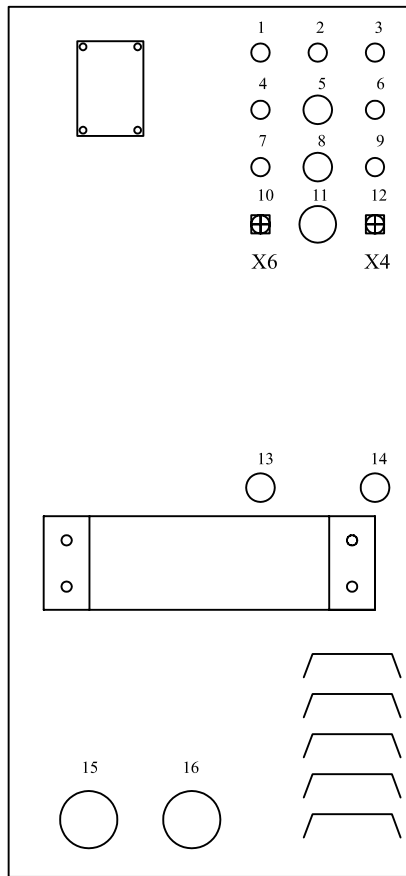
HATCHED AREA'S
SIGNIFY 2 GUN
OPTION

1		P1		REVISION	TOLERANCES UNLESS OTHERWISE STATED		
ISSUE 1		PRELIMINARY ISSUE 1		DESCRIPTION	Dimensions in mm	Machining	Fabrications, castings and forgings
JF	07.10.05	AM	03.05.05	DATE & SIG	Up to 20 ±0.1	±0.15	±0.5
				VERIFIED	above 20 to 50 ±0.2	±1.0	±1.0
					above 50 to 200 ±0.4	±1.5	±1.5
					above 200 to 500 ±0.8	±2.0	±2.0
					above 500 to 1000 ±1.2	±3.0	±3.0
					1000 and above	±1.2	±6.0
				SCALE: -	1 : 1	MAF	

CONTRACT NUMBER	DATE RELEASED	NO. SETS	NAME		DATE	THIS DRAWING REMAINS THE PROPERTY OF REXROTH BOSCH GROUP, AND MAY NOT BE DISCLOSED TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF THE COMPANY. INFORMATION SUBMITTED ON THIS DRG. FOR CLIENTS APPROVAL DOES NOT IMPLY TECHNICAL LIABILITY.
					JF	
			VALIDATED			
DRAWING MF ROBOT CABINET						DRAWING No. ES026-B786
THIRD ANGLE PROJECTION						SHEET 5 OF 25
						REVISION 1
						SIMILAR TO: -

A
B
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SIZE A2

PART-No.

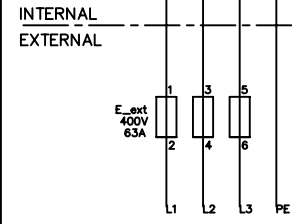
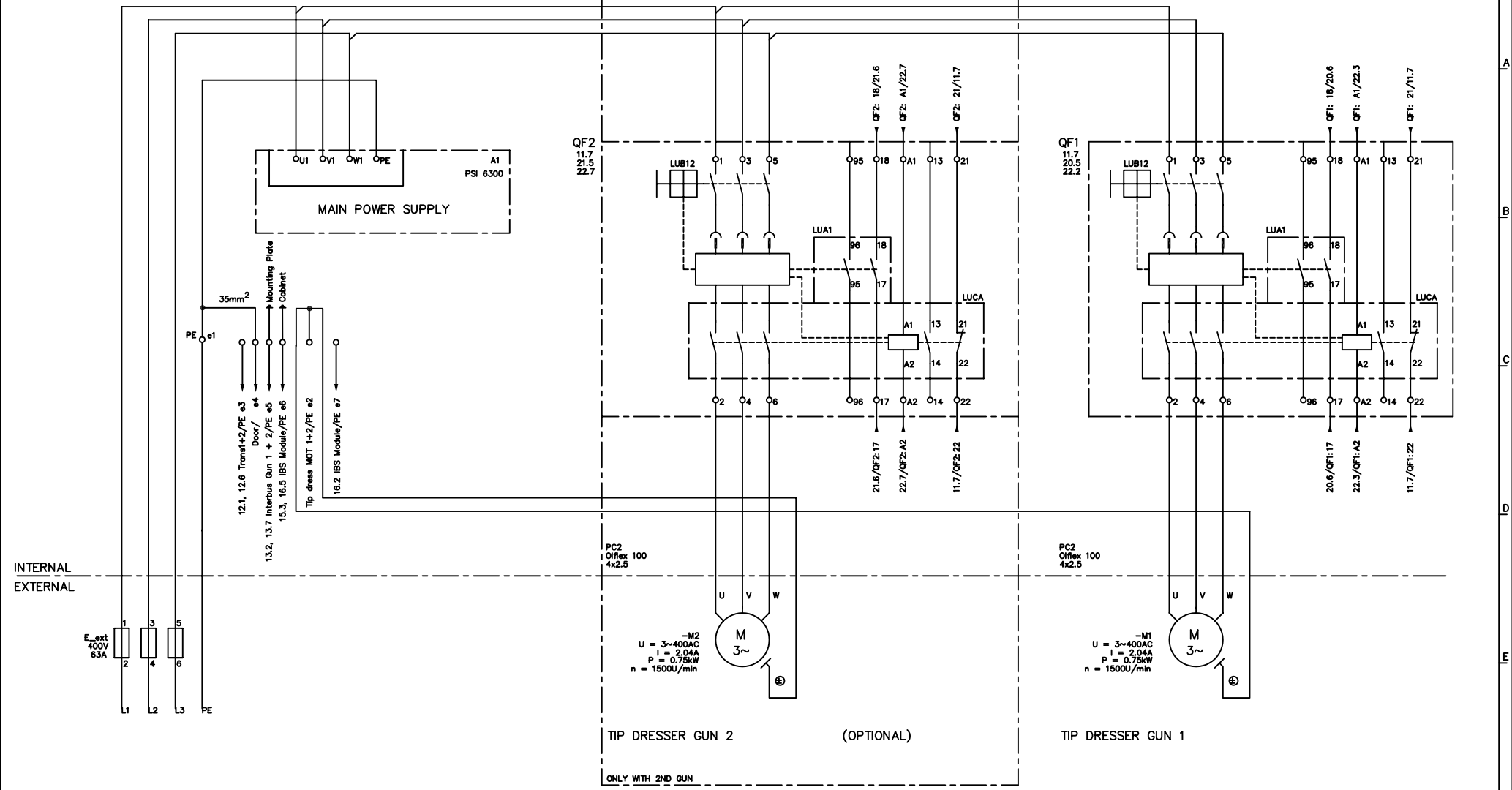


DESCRIPTION OF PANEL ELECTRICAL ENTRY POINTS		
POSITION 1: GUN 2 WATER FLOW	POSITION 2: PROPORTIONAL VALVE I/O	POSITION 3: GUN 1 WATER FLOW
POSITION 4: 24V IN/TIP DRESS CONTROL	POSITION 5: 24V IN/TIP DRESS CONTROL	POSITION 6: 24V IN/TIP DRESS CONTROL
POSITION 7: GUN 2 WATER CUT-OFF	POSITION 8: TIP DRESS CONTROL	POSITION 9: GUN 1 WATER CUT-OFF
POSITION 10: GUN 2 GUN I/O	POSITION 11: ETHERNET / INTERBUS	POSITION 12: GUN 1 GUN I/O
POSITION 13: GUN 2 TIP DRESS		POSITION 14: GUN 1 TIP DRESS
POSITION 15: GUN 1 WELD O/P TO TRANSFORMER		POSITION 16: GUN 2 WELD O/P TO TRANSFORMER

1		P1		REVISION	TOLERANCES UNLESS OTHERWISE STATED																
ISSUE 1		PRELIMINARY ISSUE 1		DESCRIPTION	Dimensions in mm	Machining	Fabrications, castings and forgings	No. of SETS		NAME	DATE	THIS DRAWING REMAINS THE PROPERTY OF REXROTH BOSCH GROUP. AND MAY NOT BE DISCLOSED TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF THE COMPANY. INFORMATION SUBMITTED ON THIS DRG. FOR CLIENTS APPROVAL DOES NOT IMPLY TECHNICAL LIABILITY.									
JF 07.10.05		AM 03.05.05		DATE & SIG	Up to 20	±0.1	±0.5	DATE RELEASED	DRAWN	JF	07.10.05					Rexroth Bosch Group ELECTRIC DRIVES AND CONTROLS BROADWAY LANE SOUTH CERNEY, CIRENCESTER GL7 5UH					
				VERIFIED	above 20 to 50	±0.15	±1.0	CONTRACT NUMBER	VALIDATED			TITLE				DRAWING No.		SHEET		REVISION	
				SCALE: - 1 : 1	above 50 to 200	±0.2	±1.5		DRAWING MF ROBOT CABINET				ES026-B786		6 of 25		1				
				MAF	above 200 to 500	±0.4	±2.0						THIRD ANGLE PROJECTION		SIMILAR TO:						
					above 500 to 1000	±0.8	±3.0														
					1000 and above	±1.2	±6.0														

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SIZE A2

PART-No.



1	2	3	4	5	6	7	8	9	10
ISSUE 1	1	P1	REVISION	TOLERANCES UNLESS OTHERWISE STATED					
			DESCRIPTION	Dimensions in mm	Machining	Fabrications, castings and forgings	No. SETS		
			DATE & SIG	Up to 20	±0.1	±0.5	DATE		
			VERIFIED	above 20 to 50	±0.15	±1.0	RELEASED		
				above 50 to 200	±0.2	±1.5	CONTRACT NUMBER		
				above 200 to 500	±0.4	±2.0			
				above 500 to 1000	±0.8	±3.0			
				1000 and above	±1.2	±6.0			
				SCALE: - 1 : 1	MAF				

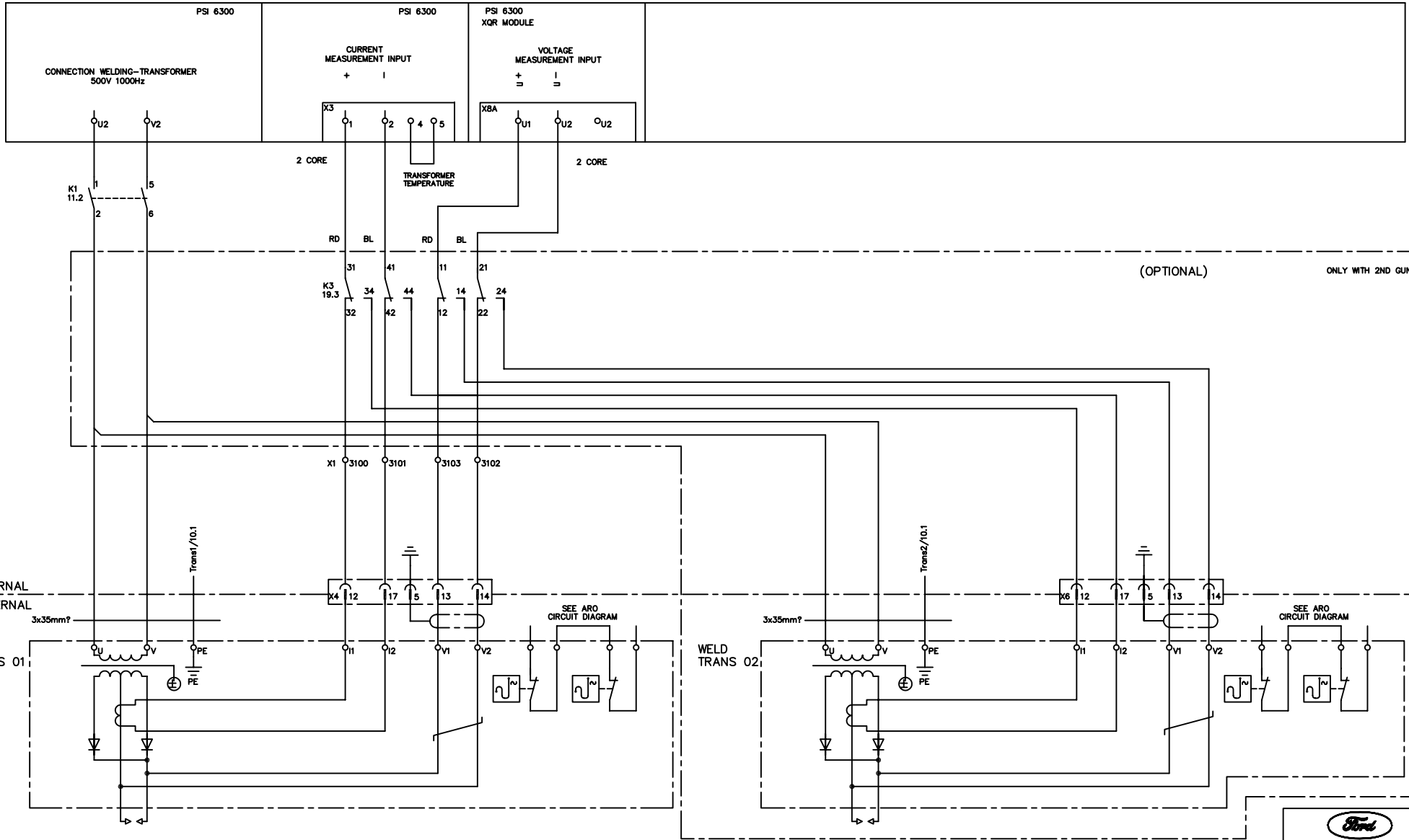
NAME	DATE	THIS DRAWING REMAINS THE PROPERTY OF REXROTH BOSCH GROUP, AND MAY NOT BE DISCLOSED TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF THE COMPANY. INFORMATION SUBMITTED ON THIS DRG. FOR CLIENTS APPROVAL DOES NOT IMPLY TECHNICAL LIABILITY.	
DRAWN	AM		07.07.05
VERIFIED			
TITLE	SUPPLY 415 VAC TRANSFORMER/GUN CONNECTION MF ROBOT CABINET		
DRAWING No.	ES026-B786	SHEET	10 OF 25
REVISION		REVISION	1
THIRD ANGLE PROJECTION		SIMILAR TO:	-

Rexroth
Bosch Group

ELECTRIC DRIVES AND CONTROLS
BROADWAY LANE
SOUTH CERNEY, GIRENCESTER
GL7 5UH

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SIZE A2

PART-No.

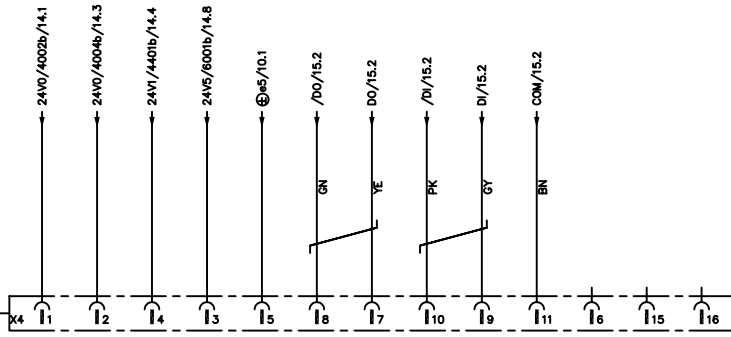


1		P1		REVISION	TOLERANCES UNLESS OTHERWISE STATED			No. SETS		NAME DATE		THIS DRAWING REMAINS THE PROPERTY OF REXROTH BOSCH GROUP. AND MAY NOT BE DISCLOSED TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF THE COMPANY. INFORMATION SUBMITTED ON THIS DRG. FOR CLIENTS APPROVAL DOES NOT IMPLY TECHNICAL LIABILITY.	 Rexroth Bosch Group ELECTRIC DRIVES AND CONTROLS BROADWAY LANE SOUTH CERNEY, GIRENCESTER GL7 5UH
ISSUE 1		PRELIMINARY ISSUE 1		DESCRIPTION	Dimensions in mm	Machining	Fabrications, castings and forgings	DATE RELEASED	DRAWN	AM	07.07.05		
JF	07.10.05	AM	03.05.05	DATE & SIG	Up to 20	±0.1	±0.5	VALIDATED	VERIFIED				
				VERIFIED	SCALE: - 1 : 1	MAF		CONTRACT NUMBER	TITLE		DRAWING No.	SHEET	REVISION
									TRANSFORMER/GUN CONNECTION MF ROBOT CABINET		ES026-B786	12 OF 25	1
									THIRD ANGLE PROJECTION		SIMILAR TO: -		

SIZE A2

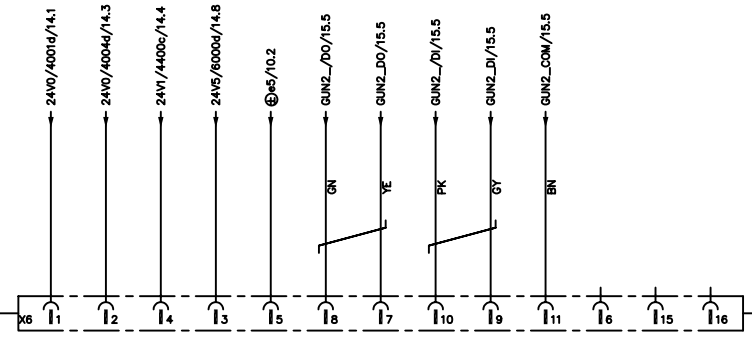
PART-No.

INTERNAL
EXTERNAL



INTERBUS
GUN 1

ONLY WITH 2ND GUN (OPTIONAL)



INTERBUS
GUN 2

	1	P1	REVISION
ISSUE 1		PRELIMINARY ISSUE 1	DESCRIPTION
JF 07.10.05	AM 03.05.05	DATE & SIG	VERIFIED

TOLERANCES UNLESS OTHERWISE STATED

Dimensions in mm	Machining	Fabrications, castings and forgings
Up to 20	±0.1	±0.5
above 20 to 50	±0.15	±1.0
above 50 to 200	±0.2	±1.5
above 200 to 500	±0.4	±2.0
above 500 to 1000	±0.8	±3.0
1000 and above	±1.2	±6.0

SCALE: - 1 : 1

MAF

CONTRACT NUMBER	DATE RELEASED	NAME	DATE
	VERIFIED	AM	07.07.05
	VALIDATED		
TITLE			
TRANSFORMER/GUN CONNECTION MF ROBOT CABINET			

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DRAWING No. ES026-B786	SHEET 13 of 25	REVISION 1
THIRD ANGLE PROJECTION	SIMILAR TO: -	



Rexroth
Bosch Group
ELECTRIC DRIVES AND CONTROLS
BROADWAY LANE
SOUTH CERNEY, GIRENCESTER
GL7 5UH

SIZE A2

PART-No.

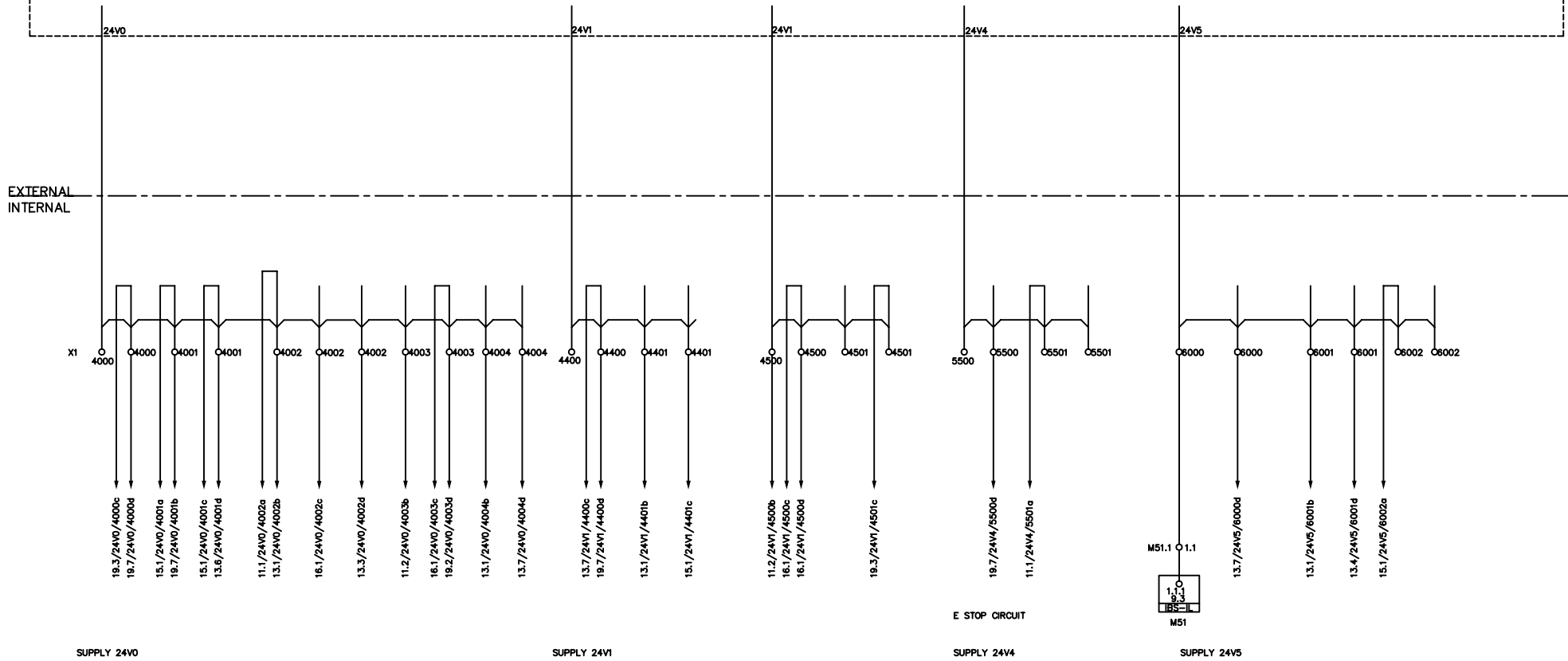
CONTROL CABINET

INTERBUS

HIGH POWER

ISOLATED IF ACCESS GATE OPEN

ISOLATED IF ACCESS GATE OPEN BUT ON DURING TEACH



SUPPLY 24V0

SUPPLY 24V1

E STOP CIRCUIT

SUPPLY 24V4



SUPPLY 24V5

1		P1		REVISION	TOLERANCES UNLESS OTHERWISE STATED			No. SETS		NAME DATE		THIS DRAWING REMAINS THE PROPERTY OF REXROTH BOSCH GROUP, AND MAY NOT BE DISCLOSED TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF THE COMPANY. INFORMATION SUBMITTED ON THIS DRG. FOR CLIENTS APPROVAL DOES NOT IMPLY TECHNICAL LIABILITY.	<p>Rexroth Bosch Group ELECTRIC DRIVES AND CONTROLS BROADWAY LANE SOUTH CERNEY, GIRENCESTER GL7 5JH</p>
ISSUE 1		PRELIMINARY ISSUE 1		DESCRIPTION	Dimensions in mm	Machining	Fabrications, castings and forgings	DATE RELEASED	DRAWN	AM	07.07.05		
JF 07.10.05		AM 03.05.05		DATE & SIG	Up to 20	±0.1	±0.5	VALIDATED	VERIFIED				
				VERIFIED	above 20 to 50	±0.15	±1.0		VALIDATED				
					above 50 to 200	±0.2	±1.5	TITLE		DRAWING No.		SHEET	REVISION
					above 200 to 500	±0.4	±2.0	TRANSFORMER/GUN CONNECTION		ES026-B786		14 of 25	1
					above 500 to 1000	±0.8	±3.0	MF ROBOT CABINET		THIRD ANGLE PROJECTION		SIMILAR TO:	
					1000 and above	±1.2	±6.0						

SIZE A2

PART-No.

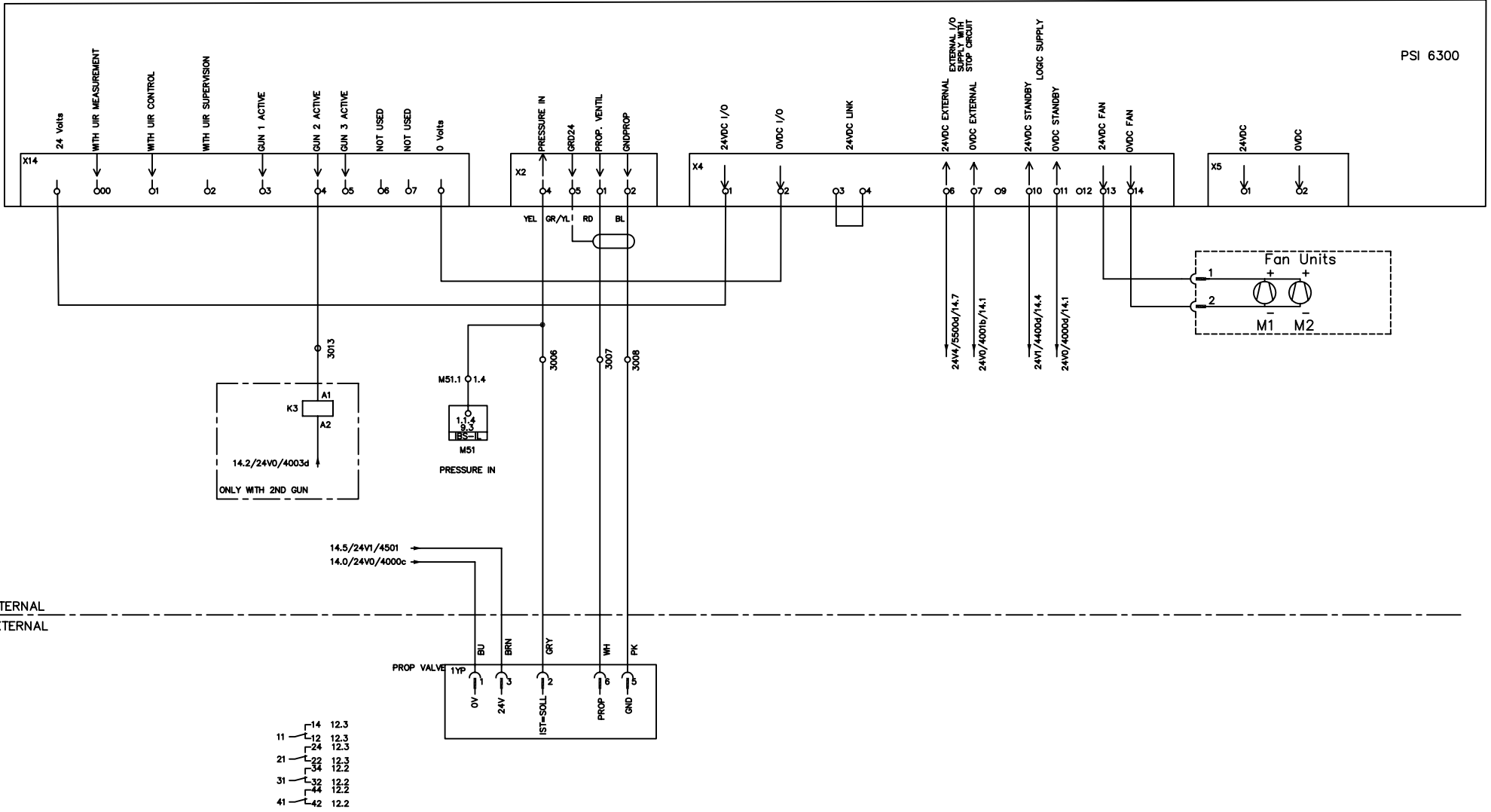
SPARE

1		P1		REVISION	TOLERANCES UNLESS OTHERWISE STATED			No.	DATE	NAME	DATE	THIS DRAWING REMAINS THE PROPERTY OF REXROTH BOSCH GROUP. AND MAY NOT BE DISCLOSED TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF THE COMPANY. INFORMATION SUBMITTED ON THIS DRG. FOR CLIENTS APPROVAL DOES NOT IMPLY TECHNICAL LIABILITY.	 Rexroth Bosch Group ELECTRIC DRIVES AND CONTROLS BROADWAY LANE SOUTH CERNEY, GIRENCESTER GL7 5UH	
ISSUE 1		PRELIMINARY ISSUE 1		DESCRIPTION	Dimensions in mm	Machining	Fabrications, castings and forgings							RELEASED
JF	07.10.05	AM	03.05.05	DATE & SIG	Up to 20	±0.1	±0.5	VALIDATED	VERIFIED					
				VERIFIED	above 20 to 50	±0.15	±1.0		TITLE	CHANGE-PAGE MF ROBOT CABINET				DRAWING No. ES026-B786
				SCALE: - 1 : 1	MAF			CONTRACT NUMBER	THIRD ANGLE PROJECTION			SIMILAR TO: -		

A
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F
SIZE A2

PART-No.

PSI 6300



INTERNAL
EXTERNAL

- 11 → 14 12.3
- 12 → 12 12.3
- 21 → 24 12.3
- 31 → 32 12.2
- 32 → 32 12.2
- 41 → 42 12.2
- 42 → 42 12.2

1		P1		REVISION	TOLERANCES UNLESS OTHERWISE STATED																		
ISSUE 1		PRELIMINARY ISSUE 1		DESCRIPTION	Dimensions in mm	Machining	Fabrications, castings and forgings																
					Up to 20	±0.1	±0.5																
					above 20 to 50	±0.15	±1.0																
					above 50 to 200	±0.2	±1.5																
					above 200 to 500	±0.4	±2.0																
					above 500 to 1000	±0.8	±3.0																
					1000 and above	±1.2	±6.0																
				VERIFIED	SCALE: - 1 : 1	MAF																	
										CONTRACT NUMBER		DATE RELEASED		No. SETS		NAME		DATE		THIS DRAWING REMAINS THE PROPERTY OF REXROTH BOSCH GROUP, AND MAY NOT BE DISCLOSED TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF THE COMPANY. INFORMATION SUBMITTED ON THIS DRG. FOR CLIENTS APPROVAL DOES NOT IMPLY TECHNICAL LIABILITY.		<p>Rexroth Bosch Group ELECTRIC DRIVES AND CONTROLS BROADWAY LANE SOUTH CERNEY, GIRENCESTER GL7 5UH</p>	
										MID FREQUENCY WELD SYSTEM INTERFACE MF ROBOT CABINET		DRAWING No. ES026-B786		SHEET 19 of 25		REVISION 1							
										THIRD ANGLE PROJECTION													

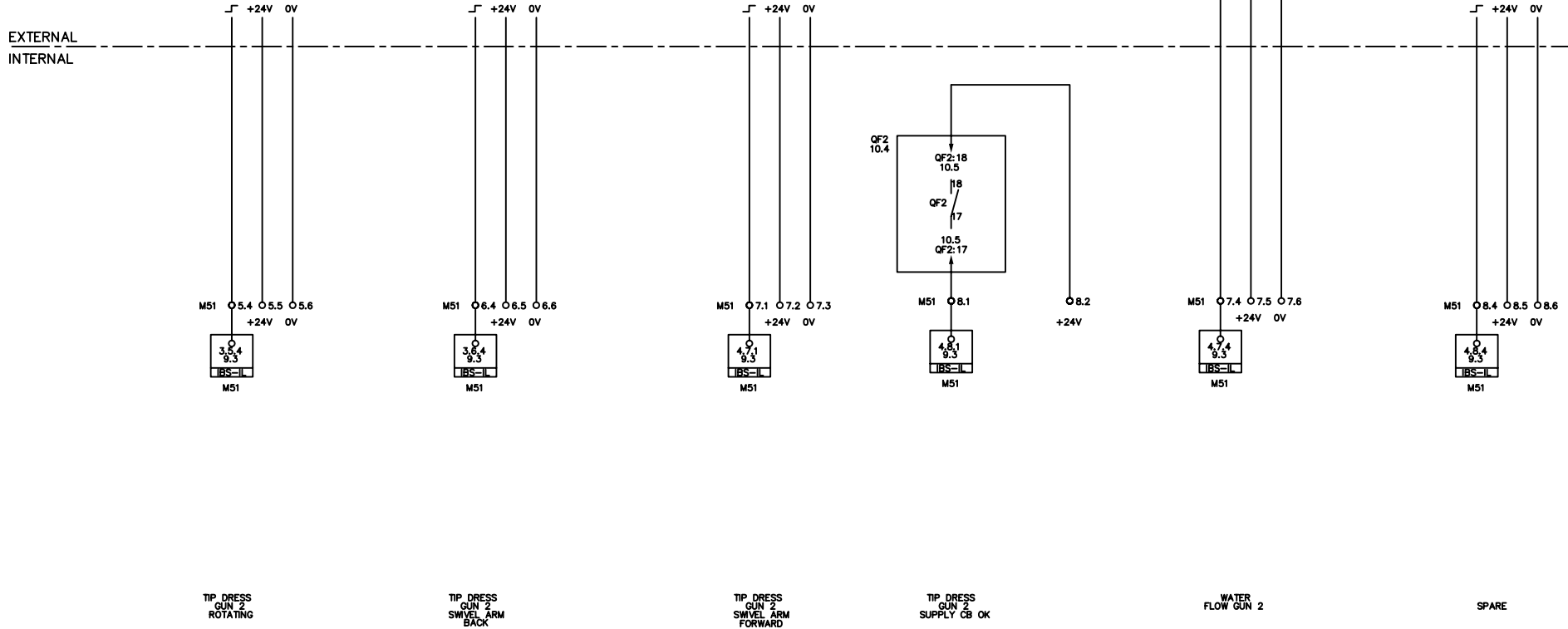
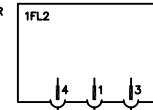
SIZE A2

PART-No.

ONLY WITH 2ND GUN

IBS INPUTS

FLOW METER

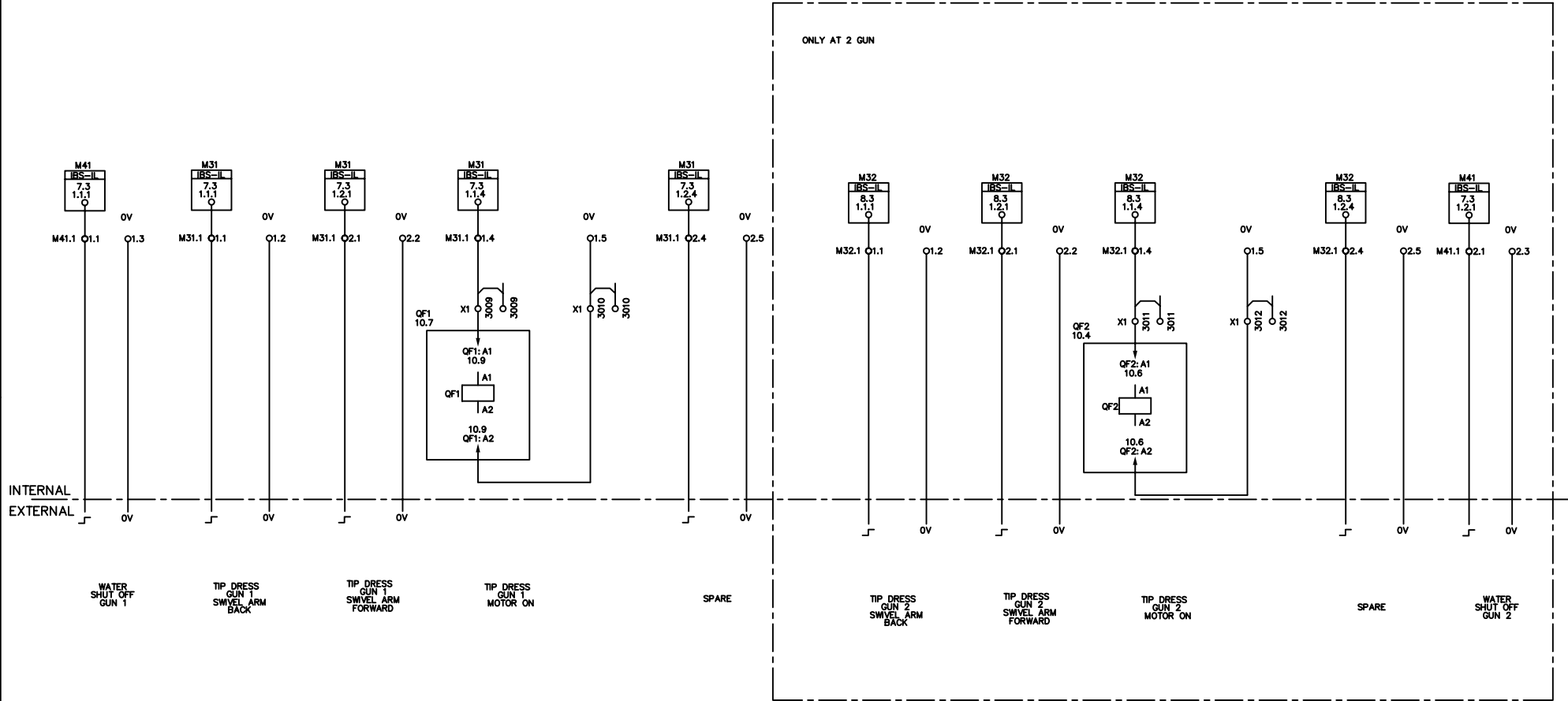


2		1		P1		REVISION		TOLERANCES UNLESS OTHERWISE STATED																			
ISSUE 1		ISSUE 1		PRELIMINARY ISSUE 1		DESCRIPTION		Dimensions in mm Up to 20 ±0.1 above 20 to 50 ±0.15 above 50 to 200 ±0.2 above 200 to 500 ±0.4 above 500 to 1000 ±0.8 1000 and above ±1.2		Machining ±0.1 ±0.15 ±0.2 ±0.4 ±0.8 ±1.2		Fabrications, castings and forgings ±0.5 ±1.0 ±1.5 ±2.0 ±3.0 ±6.0		No. of SETS DATE RELEASED CONTRACT NUMBER		NAME AM DATE 07.07.05		THIS DRAWING REMAINS THE PROPERTY OF REXROTH BOSCH GROUP, AND MAY NOT BE DISCLOSED TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF THE COMPANY. INFORMATION SUBMITTED ON THIS DRG. FOR CLIENTS APPROVAL DOES NOT IMPLY TECHNICAL LIABILITY.				DRAWING No. ES026-B786		SHEET 21 OF 25		REVISION 1	
FLOW METER 2 WIRING CORRECTION																											
JF 13.10.05		JF 07.10.05		AM 03.05.05		DATE & SIG		SCALE: - 1 : 1		MAF																	
1		2		3		4		5		6		7		8		9		10									

SIZE A2

PART-No.

IBS OUTPUTS



1		P1		REVISION	TOLERANCES UNLESS OTHERWISE STATED																
ISSUE 1		PRELIMINARY ISSUE 1		DESCRIPTION	Dimensions in mm	Machining	Fabrications, castings and forgings														
					Up to 20	±0.1	±0.5														
					above 20 to 50	±0.15	±1.0														
					above 50 to 200	±0.2	±1.5														
					above 200 to 500	±0.4	±2.0														
					above 500 to 1000	±0.8	±3.0														
					1000 and above	±1.2	±6.0														
JF 07.10.05		AM 03.05.05		DATE & SIG	SCALE: - 1 : 1	MAF															
				VERIFIED																	
CONTRACT NUMBER										No. RELEASED SETS		NAME DATE		THIS DRAWING REMAINS THE PROPERTY OF REXROTH BOSCH GROUP, AND MAY NOT BE DISCLOSED TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF THE COMPANY. INFORMATION SUBMITTED ON THIS DRG. FOR CLIENTS APPROVAL DOES NOT IMPLY TECHNICAL LIABILITY.							
DATE										DRAWN AM 07.07.05		VERIFIED		Rexroth Bosch Group ELECTRIC DRIVES AND CONTROLS BROADWAY LANE SOUTH CERNEY, CIRENCESTER GL7 5UH							
VALIDATED										TITLE		DRAWING No.		SHEET		REVISION					
EXTERNAL EQUIPMENT										MF ROBOT CABINET		ES026-B786		22 OF 25		1					
THIRD ANGLE PROJECTION												SIMILAR TO:									

SIZE A2

PART--No.


CABLE NUMBER	CABLE TYPE	TERMINAL NO.	BRIDGE	TARGET DESTINATION	CONNECTION	TERMINAL STRIP DESIGNATION	
						CABLE NUMBER	CABLE TYPE
3000	CONTROL CABINET	3000		M1	22		
3001	CONTROL CABINET	3001		K1	21		
3002	CONTROL CABINET	3002		Q1	21		
3003	CONTROL CABINET	3003		Q2	22		
3004	CONTROL CABINET	3004		Q1	22		
3006	PROPVALVE-1VP	3006		PSB300 X2	4		
3007	PROPVALVE-1VP	3007		M31.1	1.4		
3008	PROPVALVE-1VP	3008		PSB300 X2	1		
3009	PROPVALVE-1VP	3009		PSB300 X2	2		
3009	PROPVALVE-1VP	3009		M31.1	1.4		
3010	PROPVALVE-1VP	3010		M31.1	1.5		
3011	PROPVALVE-1VP	3011		M32.1	1.4		
3012	PROPVALVE-1VP	3012		M32.1	1.5		
3013	PROPVALVE-1VP	3013		PSB300 X14	4		
3100	PROPVALVE-1VP	3100		K3	32		
3101	PROPVALVE-1VP	3101		K3	42		
3102	PROPVALVE-1VP	3102		K3	22		
3103	PROPVALVE-1VP	3103		K3	12		
4000	POWER SUPPLY CABINET	4000		PROPVALVE-1VP	1		
4001	POWER SUPPLY CABINET	4001		PSB300 X4	7		
4002	POWER SUPPLY CABINET	4002		M4	1		
4003	POWER SUPPLY CABINET	4003		K1	A2		
4004	POWER SUPPLY CABINET	4004		K3	A2		
4401	POWER SUPPLY CABINET	4401		PSB300 X4	10		
4500	POWER SUPPLY CABINET	4500		K2	14		
4501	POWER SUPPLY CABINET	4501		M4	2.2		
5000	POWER SUPPLY CABINET	5000		PROPVALVE-1VP	3		
5501	POWER SUPPLY CABINET	5501		PSB300 X4	6		
6000	POWER SUPPLY CABINET	6000		M31.1	1.1		
6001	POWER SUPPLY CABINET	6001		M3	3		
6002	POWER SUPPLY CABINET	6002		M1	2.2		

1 ISSUE 1		P1 PRELIMINARY ISSUE 1		REVISION DESCRIPTION DATE & SIG VERIFIED	TOLERANCES UNLESS OTHERWISE STATED Dimensions in mm Up to 20 ±0.1 above 20 to 50 ±0.15 above 50 to 200 ±0.2 above 200 to 500 ±0.4 above 500 to 1000 ±0.8 1000 and above ±1.2	Machining ±0.1 ±0.15 ±0.2 ±0.4 ±0.8 ±1.2	Fabrications, castings and forgings ±0.5 ±1.0 ±1.5 ±2.0 ±3.0 ±6.0	CONTRACT NO. DATE RELEASED NUMBER OF SETS	NAME DATE DRAWN AM 07.7.05 VERIFIED VALIDATED	THIS DRAWING REMAINS THE PROPERTY OF REXROTH BOSCH GROUP, AND MAY NOT BE DISCLOSED TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF THE COMPANY. INFORMATION SUBMITTED ON THIS DRG. FOR CLIENTS APPROVAL DOES NOT IMPLY TECHNICAL LIABILITY.	Rexroth Bosch Group ELECTRIC DRIVES AND CONTROLS BROADWAY LANE SOUTH CERNEY, GIRENCESTER GL7 5UH	DRAWING No. ES026-B786	SHEET 23 of 25	REVISION 1
JF 07.10.05		AM 03.05.05			SCALE: - 1 : 1	MAT			TITLE X1 24VDC TERMINAL STRIP	THIRD ANGLE PROJECTION	SIMILAR TO:			

A B C D E F SIZE A 2

PART-No.

CABLE TYPE	CABLE NUMBER	TERMINAL STRIP DESIGNATION X4	TERMINAL NO.	BRIDGE	TARGET DESTINATION	CONNECTION	CABLE TYPE	CABLE NUMBER	PAGE/ PART
			1	X1		4002			13.0
			2	X1		4004			13.0
			3	X1		6001			13.1
			4	X1		4401			13.1
			5	4					13.1
			6	X1					13.2
			7	X1		2.1			13.1
			8	X1		1.1			13.1
			9	X1		2.2			13.2
			10	X1		1.2			13.2
			11	X1		1.3			13.2
			12	X1		3100			12.2
			13	X1		3103			12.3
			14	X1		3102			12.3
			15						13.2
			16						13.3
			17	X1		3101			12.2


1		P1		REVISION		TOLERANCES UNLESS OTHERWISE STATED				No. SETS		NAME		DATE		THIS DRAWING REMAINS THE PROPERTY OF REXROTH BOSCH GROUP. AND MAY NOT BE DISCLOSED TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF THE COMPANY. INFORMATION SUBMITTED ON THIS DRG. FOR CLIENTS APPROVAL DOES NOT IMPLY TECHNICAL LIABILITY.		 Rexroth Bosch Group ELECTRIC DRIVES AND CONTROLS BROADWAY LANE SOUTH CERNEY, GIRENCESTER GL7 5JH					
ISSUE 1		PRELIMINARY ISSUE 1		DESCRIPTION		Dimensions in mm		Machining		Fabrications, castings and forgings		DRAWN		AM						07.7.05			
JF		07.10.05		AM		03.05.05		DATE & SIG		VERIFIED		VALIDATED		TITLE						DRAWING No.		SHEET	
				VERIFIED		SCALE: - 1 : 1		MAF				CONTRACT NUMBER		DATE RELEASED		X4 GUN 1 PLUG		ES026-B786		24 of 25		1	
																		THIRD ANGLE PROJECTION		SIMILAR TO:			

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SIZE A2

PART-No.

CABLE TYPE	CABLE NUMBER	TERMINAL STRIP DESIGNATION X6	CABLE TYPE		CABLE NUMBER	
			TERMINAL NO.	BRIDGE	TERMINAL NO.	BRIDGE
WELDING TRANS 02	12		17	K3	44	127
WELDING TRANS 02	15		16			139
WELDING TRANS 02	14		14	K3	24	128
WELDING TRANS 02	13		13	K3	14	127
WELDING TRANS 02	11		11	K4	34	126
WELDING TRANS 02	10		10	K4	13	139
WELDING TRANS 02	9		9	K4	12	138
WELDING TRANS 02	8		8	K4	11	138
WELDING TRANS 02	7		7	K4	21	138
WELDING TRANS 02	6		6	K4	11	139
WELDING TRANS 02	5		5	K4	7	138
WELDING TRANS 02	4		4	K1	4400	137
WELDING TRANS 02	3		3	K1	6000	137
WELDING TRANS 02	2		2	K1	4004	137
WELDING TRANS 02	1		1	K1	4001	137

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ISSUE 1		PRELIMINARY ISSUE 1		REVISION	TOLERANCES UNLESS OTHERWISE STATED			No. SETS	NAME	DATE	THIS DRAWING REMAINS THE PROPERTY OF REXROTH BOSCH GROUP. AND MAY NOT BE DISCLOSED TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF THE COMPANY. INFORMATION SUBMITTED ON THIS DRG. FOR CLIENTS APPROVAL DOES NOT IMPLY TECHNICAL LIABILITY.	 Rexroth Bosch Group ELECTRIC DRIVES AND CONTROLS BROADWAY LANE SOUTH CERNEY, GIRENCESTER GL7 5UH
JF	07.10.05	AM	03.05.05	DESCRIPTION	Dimensions in mm	Machining	Fabrications, castings and forgings					
DATE & SIG				VERIFIED	SCALE: - 1 : 1	MAF		CONTRACT NUMBER	TITLE			DRAWING No.
									X6 GUN 2 PLUG			ES026-B786
									THIRD ANGLE PROJECTION			SHEET 25 OF 25
												REVISION 1
												SIMILAR TO: -