_	1		2		3		4	
	NOTES THE FIELD CONTROL MODULE IS DESIGNED TO RE THUS CONTROLLING THE FIELD FLUX OF A DC MO UNIT SHOULD BE MOUNTED IN A SUITABLE ENCLO	EGULATE FIELD CURRENT TOR. THE FIELD CONTROL ISURE.						
4	REMOTE ADJUSTMENTS CAN BE MADE TO THE FIE DERIVED SETPOINT. THE SETPOINT CAN BE SET F OR A SUITABLE 0-100% FEILD CURREI THE INPUT IMPEDENCE OF THE CURRENT INPUT (ELD CURRENT VIA AN EXTERNALL' BY EITHER A POTENTIOMETER NTJ ANALOG REFERENCE VOLTAG TERMINAL 6) IS 50K.	Y iE.			e		ŀ
	LOSS OF FEILD IS DETECTED AND AN INDICATION RELAY CONTACT.	IS PROVIDED BY A VOLT-FREE				EN % D	380-415V HIGH SUPPLY TAP NOT EXCEED RATED VOLTAGE	=
	THE UNIT CAN BE CONFIGURED TO REMOTELY EN REMOTE CONTACT CLOSURE. THE FIELD VOLTAGE AVAILABLE TO ACHIEVE FULL				I I			
	AC INPUT VOLTAGE. THE DC VOLTAGE AVAILABLE CONTROLLER WILL BE APPROXIMATELY 0.9 X THE EXAMPLE: WITH A 380VAC SUPPLY THE MAXIMUM BE 380VAC X .9 = 342VDC.	ACROSS THE OUTPUT OF THE SUPPLY VOLTAGE. FIELD VOLTAGE AVAILABLE WILL				HIGH SPEE SEMICONDUC FUSES SEE DRIVE MAN FOR CORRE SIZE AND TY		\vdash
	DASHED LINES SHOW CUSTOMER CONNECTIONS, OTHER THAN FIELD CONTROL MODULE IS SUPPLIE	ALL DEVICES ED BY THE CUSTOMER.				SIZE AND TH		
	IF AN SP1070F FIELD WEAKENING CONTROL MODULE IS USED THE OUTPUT SHOULD BE CONNECTED DIRECTLY TO TERMINALS 6 (CURRENT INPUT) AND TERMINAL 5 (SIGNAL COMMON).		8 7		10 12 11		L L2/N	ן ו
3	IF A POTENTIOMETER IS USED TO SET FIELD CURRENT CONNECT AS SHOWN IN THE ACCOMPANYING DIAGRAM.		SIG RUN COM DRIVE MODEL: 32001/48/LLMP028	CONTROL MODE: TORQUE	RELAY RELAY RELAY NO NC COM NO SPECIAL MODIFICATI		28	- E
	MINIMUM FIELD CURRENT IS SET VIA AN ON BOARD MIN FEILD POTENTIOMETER. THE ON BOARD POT VALUE IS 5K THUS WITH MIN FEILD TURNED FULLY CW THE FEILD CONTROL AS SET WITH A 10K POT GIVES 3:1 CONTROL.		DRIVE CALIBRATION: 16A					-
	<u>SET-UP</u>		COM REF IP SIG COM SP 4 2 6 1 5	ID IP IP SPD IP OP 56 3 65 54			GND (+) G F+	
	SET DIP SWITCHES AND ADJUST MAX CURRENT P FEILD CURRENT NAMEPLATE INFORMATION AS RE	EQUIRED.					÷ '	L
	SET SWITCH 1 AND SWITCH 2 FOR REQUIRED MAX FINE ADJUST CURRENT USING THE MAX CURRENT	(IMUM CURRENT AND POTENTIOMETER.				l	I	
	SET SWITCH 3 AND SWITCH 4 AND ADJUST MAX SF NAMEPLATE FEILD VOLTAGE PLUS 20%.	PEED POTENTIOMETER FOR				1	I	
	SWITCH 5 OFF, SWITCH 6 ON, SWITCH 7 OFF, AND	SWITCH 8 ON						
								C
	FEILD CURRENT REFERENCE							
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	ISS DATE APPROVED					Ş	I	
	A 18 FEB 04 R. WILLIAMS					ξ		
	THE INSTALLATION AND OPERATION MANUAL FOR THE 32001							
	D	RIVE.				1	6A MAX	_
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	Bardan		CUTION AND OPERATION NOTES INCLUDED DURING D		R. WILLIAMS 18 FEB 04	DWG. ISS.	01917	
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	40 Log Canoe Circle, Stevensville, MD 21666 phone (410) 604-3400 fax: (410) 604-3500 email: info@bardac.com	OLERANCE			SIZE	A	SHT. 1 OF 1	1
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