PRINTS TO DIV OR 224X655BA W.E.Potwora - /9-15-71 SPEED VARIATOR Caterra ERIE, PA. LOCATION CONT ON SHEET FL. sh No. 1

CODE IDENT NO

5R (BW)

REV NO. O		TITLE	GOODD THE MITON	CONT ON SHEET 2 St N	o. <b>1</b>				
	х309ва	ſ	COORDINATION SV200R RING SPECIFICATION	1217 47					
CONT ON SHEET	2 sh NO. 1	FIRST MADE FOR	193X <b>226</b> BAG01	262	<i>]</i>				
1.0 <u>SCOP</u>	<u>E</u>				REVISIONS				
This specification covers the performance capabilities of the driver coordination card, 193X226BAG01. It is a multi-function card for reversing three-phase half wave drives. Functions included are:									
1.1	1 Amplification of an error signal to provide a positive output signal with either polarity of error.								
1.2	Provision of t	wo lockout signa	ls which are a function	of error polarity.					
1.3		ent change of sta ils allow the tra	te of the lockouts unti	l the current					
2.0 ADJU	STMENTS								
	following poter ified in part 2		ments should be made und						
2.1	B. Loading re C. Two 6.8K and Tab 2:	esistor (1.5K) coresistors on curr to common.)	0.05 V and -20V ± 0.05V mnected between Tab 11 rent feedback inputs. (Tab	and common20(13) Tab 19 to common	,23)				
	12V to Tal	8. +/ADC 70	e +20V DC supply. This v 기계용 영 both lockout outputs (1						
-	Tab 3 to 6	common).	-						
And the state of t	F. Initial po	otentiometer sett P781 Zero M P782 Deadband							
2.2 500 Pe 501 9 7 1 ech 2	common) and of horizontal ax the zero and of indicated in a alternately to symptoms of in [2.15]	oserve the output Is driven by the deadband potentic Figure 1. Both p	a 10K ohm resistor to Ta voltage on Tab 11 with summing junction voltage meters (P781 and P782) obtentiometers will have oper adjustment. Figure	n a scope with the e, Tab 26. Adjust to get the display e to be adjusted					
	ORMANGE								
			s after initial adjustme l in Section 4.0.	ent and while					
3.1			of 6 volts at Tab 11, ti		5D (BU)				
			and .35V or between2 sitive error and negative		5E (BW)				
	6 volt output	should be no mor	e than .10.		5K (BW)				
3.2	Linearity: 5	variation from	a straight line from 0	to 6V output.	5L(BW)				
3.3	h.		OV max. (See Figure 4)		5P (BW)				
3.4	0.8V + 0.2V a	oplied to Tab 21. off with 0.6V +	voltage on Tab 11 show With a negative error 0.2V applied to Tab 19	r the output voltage	5QC (2B) 5R (BW) PRINTS TO				
MADE BY W.E.Potwo	ra 9-15-71	ARPROVALE SI	PEED VARIATOR DIV OR DEPT.	224X309BA					
Jeeuro 12	wou 16/1/71	—		CONT ON SHEET 2 SH	10. 1				
			A	c	ODE IDENT NO				

FF-803-WA (1-70) PRINTED IN U.S.A. GENERAL (%) ELECTRIC

224X309BA

prv N	<del></del>	Ψ	- TINE Way		CONT ON SHEET	3 SH NO. 2	
REV 0 NO. 2	24X309BA		ER COORDI			<i>-</i>	
				PECIFICATION	,		
CONT ON SHEET	3 <sub>SH NO</sub> . 2	FIRST MADE FO	DR	193X226BAG	J.L.	REVISI	10N
3.5 3.6	With no signals signal of about produce a signal In an IOC operate #1 (2) should be Reducing the signal when the voltage Temperature drift	5V on locked of about 5 cor S.Q. Lington occurs a up (+5V) agnal on Tab 19	wit #1 (Tab V on locked of Step ( with a pos- and lockout 19 (21) sh (21) is de	o 3). A negate out #2 (Tab 2)  out #2 (Tab 2)  out ive signal  : #2 (1) should cause 10	Second Step Jon Tab 19 (21), ld be down (0 to bekout #2 (1) to	a dd	
3.7	The voltage at Tab	Cab 7 should 18 is decrea	decrease sed from	-20 volts to l	9 + 0 5 volts		ار (
4.0 <u>OPE</u>	RATING CONDITIONS				18 through com.	, 33K/L/2	KS.
	s card should be o			vithin the li		.n	
4.1	DC Supply Volt ag						
4.2	Ambient Temperatirreversible dan Warm-up time is	mage to be o	aused by	rmal operating operation at 8	g range. No 80°C max. ambier	ıt.	
4.3	Humidity: 24 ho	ours in 90%	relative l	numidity at 40	o°c.		
4.4	Voltage to Groun	<u>nd: 600 vol</u>	ts.		•		
4.5	Load Resistance: Allowable range			from Tab 11 to	o Tab 22 or 23 (	(common).	<u></u>
						}	
						5D (B	W)
						5E (B)	
						5K (B	
						5L (B	
						5P (B)	
						5QC (	2B
						5R (B)	W)
HARP DU		1				PRINT	s T
	ora " 7 9-15-71	APPROVALS	SPEED	VARIATOR	DIV OR 224	4X309BA	
SSUED Par	can- 10/1/2		ERIE,	PA. Lo	CATION CONT ON SHEET	3 sh No. 2	

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