VALVE ELECTRONIC CVIOO

MINISTRY OF SUPPLY (S.R.D.E.)

	erektorita Desigilde und hennisterektoristische Statische Verteile der Beitricht (Statische Verteile Statische	Conference of the second secon	ı
Specification: MOS/CV100/Issue 6			
Dated: - 21.4.48	SECUR	III	
To be read in conjunction with K1001,	Specification	Valve	
ignoring clause 5.8	Restricted	Unclassified	-
Control of the Contro	Il ala ala		

indicates a change

TYPE OF VALVE: - Enclosed triggered spark gap.			MARKING		CORNEC INCIDENTALES
CATHODE: - Cold. E: VELOPE: - Glass, unmetallised protected (Note B).			See K1001/4		A
RATING		Note		BASE CL3	
Mean Trigger voltage(kV Main gap voltage (kV Pulse output power (kW Max. jitter (μ sec Amplitude fluctuation of output	16.0 256	A A A	Clip 1 2 3 TC	Electrode Trigger electrode Anode Blank Cathode(See K1001/AI - D5.11)	A. C.

NOTES

- A. With 250 ohm line designed for two microsecs pulse, and 250 ohm load; charging at constant current (choke inductance circa 500 H). Pulse length 2 μ secs and repetition 400 c.p.s. Main gap voltage 16 kV.
- B. The valve shall be provided with adequate splinter proofing.

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TESIS

To be performed in addition to those applicable in K1001

gasta-w		andreaster day (and the country of t	-	DIL DONNESSON CONTRA					
DESCRIPTION OF THE PERSON OF T				its	No.				
STANDARD STA	Test Conditions Test		Min	Max	Tested				
L	and the state of t								
AJ	All tests to be performed with trigger voltage derived from an ap-								
br	proved pulse generator supplying a positive pulse of 12 kV to 14 kV on open circuit, with a build up time to max. voltage of 0.5 to 0.75								
OI	open circuit, with a	oulld up time to max. Volt	age o						
1	secs. and series trigge	er resistance of 10,000 oh	ms.		he tests				
a	I electrode potentials	are measured with respect	200	ne an	bae,				
		er rod. The line shall b							
		pulse length of 2 µ secs.							
		of 500 H. The external 1	oac s	nall	pe or				
	60 ohms.	[044:	-	100	100%				
	Cathode voltage	Starting voltage (kV)		9.0	10070				
	(negative) increased	(cathode voltage -ve at	RETURNS.						
O COLOR	from zero (See Note 1)		Nido e						
		strikes, with normal	į						
-	(1-4)3344(-3)	triggering) Trigger breakdown (kV)	-	8.0	100%				
Р	Cathode voltage -16 kV	voltage	-	0.0	100/3				
-	Cathode voltage -14 kV			0.2	100%				
C	cathode vortage -i4 kv	(Total lateral movement		0.2	100%				
9000		of trailing edge of the							
		monitored pulse).	l						
NAME OF THE OWNER,		(ii) Fluctuation of		+10%	100%				
STATE OF THE PERSON		amplitude.			1				
a	Cathode voltage -18 kV		-	0.2	100%				
	Cathode voltage (-ve)	Cathode voltage at (kV)	20	do.	100%				
)	increased from 16 kV	which irregular break-	and the same of th	1					
NEW TOTAL DESIGNATION OF THE PERSON OF THE P		down (i.e. breakdown not							
etholotac		correlated with the	april 100 market						
MARKETA		trigger pulse) occurs at							
Zigkingero		a rate of between 1 and							
METORISM		6 times per second.							
NOTES									
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1. Test 'a' to be performed first, as previous ionisation of the gap affects the starting voltage.

MILLIMETRES

OTHERWISE STATED .

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