

TMC SPECIFICATION

NO. S 965

REV: 0

COMPILED: WM *W.M.*

CHECKED: *JCE*

APPD: *AMM/ky 6/7/65*

SHEET 1 OF 7

TITLE:

typed by vab

WIRING INSTRUCTIONS

FOR THE

RTDA-1

TMC SPECIFICATION

NO. S - 965

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SHEET 2 OF 7

TITLE: WIRING INSTRUCTIONS FOR THE RTDA-1

typed by vab 6/2/65

<p>K1-4 6 1 7 7</p>	<p>Red Violet Wht-Violet Blk Blk</p>	<p>K2-4 XDS-1 R1 K2-7 Grd (J1)</p>
<p>K2-6 1 7 7 4 4</p>	<p>Org Wht-Org Blk Blk Red Red</p>	<p>XDS-2 R2 K3-7 K1-7 K1-4 K3-4</p>
<p>K3-6 1 7 7 4 4</p>	<p>Yel Wht-Yel Blk Blk Red Red</p>	<p>XDS-3 R3 K2-7 K3-7 K2-4 K4-4</p>
<p>K4-6 1 7 7 4 4</p>	<p>Green Wht-Green Blk Blk Red Red</p>	<p>XDS-4 R4 K5-7 K3-7 K3-4 K5-4</p>
<p>K5-4 6 1 7 4 4</p>	<p>Red Blu Wht-Blu Blk Red Red</p>	<p>XDS-8 XDS-5 R5 K4-7 K4-4 CR-1</p>
<p>K6-4 4 7(10) 7(10) 1 1 9 6</p>	<p>Blk Blk Red Red Wht-Blu Wht-Blu Wht-Violet Wht-Red</p>	<p>K7-4(12) Gnd (J1) CR-2 K7-6(9) K7-10 S6(Sol.Rel.) (1→5) S6(Sol.Rel.) (1 5) K7-15</p>

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K7-4(12)	Blk	K6-4
6(9)	Red	K6-7(10)
10	Wht-Blu	K6-1
10	Wht-Blu	CR-6
1	Wht-Grn	CR-7
1	Wht-Grn	S6-6
13	Wht-Org	S6(Bit Read)
		(1 5)
15	Wht-Red	K6-6
16	Wht-Yel	S6(Cancel)
		(S01)
7	Wht-Brn	XDS-6
J1-2	SJ-Wht	S3-3-4
3	SJ-Blu	S3-3-12Com
9	SJ-Grn	S3-3-8Com
23	SJ-Violet	J2-8
8	Wht-Org-Org	J2-6
1	Wht-Brn-Yel	J2-12
4	Wht-Yel-Org	J2-34
Gnd	Blk	K1-7
5	Wht-Red-Violet	S3-1-4
6	Wht-Red-Org	S3-1-8
7	Wht-Red-Yel	S3-1-12
24	Wht-Red-Grn	S3-2-4
25	Wht-Red-Blu	S3-2-8
Gnd	Blk	K6-4
Gnd	Blk	XDS-8
Gnd	Blk	XDS-6
22	Wht-Brn	S3-4-8(7)
J2-3	SJ-Wht-Red	XDS-7
22	SJ-Wht-Gry	S5(1B)
4	SJ-Gry	S1
23	SJ-Wht-Blk	S1
8	SJ-Violet	J1-23
27	SJ-Wht-Violet	S3-3-4Com
6	Wht-Org-Org	J1-8
7	Wht-Grn-Grn	S3-3-8
9	Wht-Brn-Org	S3-4-4Com
28	Wht-Brn	XDS-6
10	Wht-Grn	S6-6
29	Wht-Red-Red	S2
11	Wht-Red	S2
12	Wht-Brn-Yel	J1-1
31	Wht-Org	S5(2B)
32	Wht-Yel-Yel	S5(2A)
14	Red	XDS-1
34	Wht-Org-Yel	J1-4
16	Wht-Red-Org	S3-3-12
35	Gry-Yel-Yel	S4Com

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J2-17	Blu	R5
36	Grn	R4
18	Yel	R3
37	Org	R2
19	Violet	R1
S3-1-4(3)	Wht-Red-Violet	J1-5
8(7)	Wht-Red-Org	J1-6
12(11)	Wht-Red-Yel	J1-7
4Com	Violet	R1
8Com	Org	R2
12Com	Yel	R3
2	Wht-Brn-Violet	S6-1
6	Wht-Brn-Org	S6-2
10	Wht-Brn-Yel	S6-3
1	Wht-Violet	TR-BIT1
5	Wht-Org	TR-BIT2
9	Wht-Yel	TR-BIT3
S3-2-4(3)	Wht-Red-Grn	J1-24
8(7)	Wht-Red-Blu	J1-25
4Com	Grn	R4
8Com	Blu	R5
2	Wht-Brn-Grn	S6-4
6	Wht-Brn-Blu	S6-5
1	Wht-Grn	TR-BIT4
5	Wht-Blu	TR-BIT5
S3-3-4	Wht	J1-2
12Com	Blu	J1-3
8Com	Grn	J1-9
4Com	Wht-Violet	J2-27
8	Wht-Grn-Grn	J2-7
12	Wht-Red-Org	J2-16
7	Yel	S4(A)
11(12)	Gry	S4(B)
S3-4-4Com	Wht-Brn-Org	J2-9
8Com	Gry-Yel-Yel	S4(Com)
7(8)	Wht.	J1-22
1	Wht-Brn	TR(Drive)
S4-Com	Gry-Yel-Yel	J2-35
Com	Gry-Yel-Yel	S3-4-8Com
A	Yel	S4(A)
B	Gry	S3-3-11(12)
S2-A	Wht-Red-Red	J2-29
B	Wht-Red	J2-11

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S5-(1A)	SJ-Wht-Blk	S1
(1A)	SJ-Wht-Blk	R6
(1B)	SJ-Wht-Gry	J2-22
(2B)	Wht-Org	J2-31
(2A)	Wht-Yel-Yel	J2-32
XDS-8 (1)	Red	K5-4
(1)	Red	XDS-1
(2)	Blk	Gnd(J1)
XDS-7 (1)	Wht-Grn	R6
	Wht-Red	J2-3
S1 (1)	SJ-Wht-Blk	S5(1A)
(1)	SJ-Wht-Blk	J2-23
(2)	SJ-Gry	J2-4
XDS-1 (1)	Red	J2-14
(1)	Red	S6-6
(1)	Red	XDS-8
(2)	Violet	K1-6
XDS-2 (1)	Jumper to XDS-3 (1) and XDS-1 (1)	
(2)	Org	K2-6
XDS-3 (1)	Jumper to XDS-4 (1) and XDS-2 (1)	
(2)	Yel	K3-6
XDS-4 (1)	Jumper to XDS-5 (1) and XDS-2 (1)	
(2)	Yel	K3-6
XDS-4 (1)	Jumper to XDS-5 (1) and XDS-3 (1)	
(2)	Grn	K4-6
XDS-5 (1)	Jumper to XDS-4 (1)	
(2)	Blu	K5-6
XDS-6 (1)	Wht-Brn	J2-28
(1)	Wht-Brn	K7-7
(2)	Blk	S6(Cancel S01)
(2)	Blk	Gnd (J1)

S6- Put jumpers on push button switches 1 through 5.

Connect all term #1 together

Connect all term #2 together

Connect all term #3 together

Connect all term #4 together

S6-1-1

Wht-Brn-Violet

S3-1-2

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S6-2-1	Wht-Brn-Org	S3-1-6
3	Wht-Violet	K6-9
S6-3-1	Wht-Brn-Yel	S3-1-10
2	Wht-Yel	K7-13
S6-4-1	Wht-Brn-Grn	S3-2-2
S6-5-1	Wht-Brn-Blu	S3-2-6
4	Wht-Blu	K6-1
S6-6-1	Wht-Grn	J2-10
1	Wht-Grn	K7-1
2	Red	XDS-1
S6-7-1	Wht-Yel	K7-16
1	Blk	Cancel Solenoid
Tape Reader	Connect Blk (20 GA) Jumper to B-1, B-4, B-7, B-10, A-10. B-15 to GND.	
B-16	Wht-Brn	S3-2-1
B-2	Wht-Grn	S3-2-1
B-5	Wht-Yel	S3-1-9
B-8	Wht-Org	S3-1-5
B-11	Wht-Violet	S3-1-1
A-11	Wht-Blu	S3-2-5

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TERM BOARD

XDS-7		Wht-Grn ●	R6	● Wht-Blk	S5(1A)
K7-1		Wht-Grn ●	CR7	● Jumper to GND	
K7-10		Wht-Blu ●	CR6	●	
		● CR5	Wht-Blu ●	R5	● Blu S3-2-8 Com and J2-17
		● CR4	Wht-Grn ●	R4	● Grn S3-2-4 Com and J2-36
		● CR3	Wht-Yel ●	R3	● Yel S3-1-1 Com and J2-18
K6-7(10)	Red	● CR2	Wht-Org ●	R2	● Org S3-1-8 Com and J2-37
K5-4	Red	● CR1	Wht-Vio ●	R1	● Vio S3-1-4 Com and J2-19
Wht-Vio				K5-1	
Wht-Org				K4-1	
Wht-Yel				K3-1	
Wht-Grn				K2-1	
Wht-Blu				K1-1	

