DIMENSIONS IN MILLIMETRES | DO NOT SCALE | REMOVE ALL BURRS AND SHARP EDGES | TOLERANCES ON MACHINING DIMENSIONS (UNLESS OTHERWISE NOTED) 0 TO 500 ± 0.5 , 500 TO 1000 ±1

FILENAME : 33213.dwg
PLOT VIEWS : ALL BUT 0

PART No. 2036360

ISOLATING SWITCH SEQUENCE			CONTACT LOCATION
CONTACTS	POSITION		
	START	RUN	
A - B	▬		VIE1
C - D		▬	VC12
E - F		▬	VB7
G - H		▬	VIA2
J - K		▬	VC1
L - M		▬	VIA14
N - P		▬	VD7
Q - R	▬		VIA10
S - T	▬		VB3
V- W		▬	VIB2
X - Z		▬	VB19
AA - BB		▬	VB19
2 - 1		▬	VC3
4 - 3		▬	VC17
6 - 5	▬		VC21

PART No. 8366391

MCO SWITCH SEQUENCE						CONTACT LOCATION
SECTIONS	CONTACTS	POSITION				
		NORMAL	1 & 6	2 & 5	3 & 4	
1	H - D	▬				—
	H - E		▬			VIB12
	H - F			▬		VIB12
	H - G				▬	VIB13
2	E - D	▬				VD8
	E - F		▬			VC8
	F - G			▬		VC8
	G - H				▬	VC8
AUX	1 - 2	N.O. PUSH TO CLOSE				VIB11

PART No. 8453176

MOTOR MODULE MB & RV				CONTACT LOCATION
CONTACTS	1	0	2	
	REV		FOR	
Y - V		▬	▬	REFER SECTION X SHEET 2 DWG. A2-33211
X - W	▬	▬		
A - B			▬	
C - D			▬	
E - F	▬			
G - H	▬			
N - P			▬	
Q - R	▬			

PART No. 2216059

MP/PS SWITCH SEQUENCE						CONTACT LOCATION
CONTACTS	POSITION					
	PACESETTER		NORMAL	MPC LEAD	MPC ALL	
1 - A					▬	VC9
1 - B	▬	▬		▬		VC9-C10
2 - C				▬	▬	VC6
3 - D				▬	▬	VE6
4 - E			▬	▬	▬	VA7
5 - F	▬	▬				VB19
6 - G	▬	▬				VIIC3
7 - H	▬	▬				VB21
8 - J			▬			VC15

PART No. 2017852

HDLT. SELECTOR SEQUENCE					CONTACT LOCATION
CONTACTS	POSITION				
	OFF	FRONT	FRONT REAR	REAR	
1 - 2				▬	IIIE5
2 - 3			▬		IIIE5
3 - 4		▬			IIIE5
4 - 1			▬		IIIE5

PART No. 2216101

TEST SWITCH SEQUENCE					CONTACT LOCATION
POLES	CONTACTS	POSITION			
		CIRCUIT CHECK	NORMAL	LOAD TEST	
1	1 - 2			▬	VC7
	1 - 3		▬		—
2	4 - 6		▬		VIB2
	5 - 6	▬			VIB2
3	7 - 8	▬		▬	VA5
	7 - 9	▬	▬		—
4	10 - 11			▬	IIC3
	10 - 13		▬		IIC3
	12 - 13	▬			IIB3
5	14 - 15			▬	IIB3
	14 - 17		▬		IIB3
	16 - 17	▬			IIA3

CLASS LIGHTS SELECTOR SEQUENCE							CONTACT LOCATION
CONTACTS	POSITION						
	RED REAR WHITE FRONT	RED FRONT WHITE REAR	RED FRONT	WHITE REAR	WHITE FRONT	RED REAR	
1 - 2	▬					▬	IVB6
3 - 4	▬				▬		IVB5
5 - 6		▬	▬				IVB5
7 - 8		▬		▬			IVB5

KRAUS & NAIMER SWITCH PART No. CA20AU09P6-600KN2

PART No. 2036652

FP/ES SWITCH SEQUENCE				CONTACT LOCATION
CONTACTS	POSITION			
	PRIME	NORMAL	START	
1 - 2	▬		▬	IIID3
3 - 4		▬		IIIC3
5 - 6		▬		IIIC3
7 - 8			▬	VIC1
9 - 10			▬	—

PART No. 2034169

EMERGENCY SWITCH SEQUENCE				CONTACT LOCATION
16A POLE MARKINGS	LEFT	CENTRE	RIGHT	
	V.R. FAIL	NORMAL	AG. ALT. FAIL	
1 - A1		▬		IIID3
1 - A2	▬		▬	IIID3
2 - B1		▬	▬	IIID2
2 - B2	▬			IIID2
3 - C1		▬	▬	IIIB2
3 - C2	▬			IIIB2
4 - D1		▬		VIA9
4 - D2	▬			VIA10
5 - E1	▬		▬	VIIB14
5 - E2		▬		—
6 - F			▬	VC2
8 - H		▬		VD10
9 - J		▬	▬	IIIC2
10 - K	▬		▬	VD2
40A POLE MARKINGS	LEFT	CENTRE	RIGHT	
	V.R. FAIL	NORMAL	AG. ALT. FAIL	
11 - L1		▬		IIIA2
11 - L2	▬		▬	IIIA3

NOTE:- FOR ORIGINAL DRAWING REFER Q.R. DWG No. DEW180

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ASSY. DRG. | USED ON | CORRESP. | CHKD. | INIT'LS | DATE | ALTERATION | REV.

ITEM	DESCRIPTION	ORDERING SIZE	QTY PER ASSY	SPECIFICATION

MRE W. THOMAS per [illegible]

QUEENSLAND RAILWAYS
OFFICE OF THE MANAGER, ROLLINGSTOCK ENGINEERING

DIESEL LOCOS 2181-2214 (EXTENDED CAB)
PHYSICAL CIRCUIT DIAGRAM-SWITCH CONTACT LOCATIONS
GL26C-2 SECTION X SHEET 4

SCALE	———
DRAWN	A BOYD
CHECKED	[illegible] 19981117
APPROVED	I GR
DATE	20-11-98

REF. A2-33213
REV.