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 : 33116.dwg
PLOT VIEWS : ALL BUT 0

SYMBOL	DESCRIPTION							
B	BRAKING CONTACTOR							
COIL LOCATION VIE3	N.C.	A-B	C-D					
	LOC.		VIB2					
PART No. 8461331	N.O.	E-F	G-H					
	LOC.	VID3	VB7					
MAIN CONTACT	LOC	IA8						
BPI	BRAKE POWER CONTACTOR							
COIL LOCATION VIE5	N.C.	A-B	C-D					
	LOC.		VIC2					
PART No. 8461331	N.O.	E-F	G-H					
	LOC.		VC7					
MAIN CONTACT	LOC	IB6						
BP2	BRAKE POWER CONTACTOR							
COIL LOCATION VIE5	N.C.	A-B	C-D					
	LOC.		VID2					
PART No. 8461331	N.O.	E-F	G-H					
	LOC.	VIC3	VC7					
MAIN CONTACT	LOC	IB7						
BP3	BRAKE POWER CONTACTOR							
COIL LOCATION VIE5	N.C.	A-B	C-D					
	LOC.		VID2					
PART No. 8461331	N.O.	E-F	G-H					
	LOC.		VC7					
MAIN CONTACT	LOC	IB8						
DC1	BRAKING GRID SHORTING CONTACTOR							
COIL LOCATION VIE7	N.C.	A-B						
	LOC.	VIIB10						
PART No. 8459697	N.O.	C-D	E-F	G-H				
	LOC.	VIIB10	VIIB11					
MAIN CONTACT	LOC	ID4						
DC2	BRAKING GRID SHORTING CONTACTOR							
COIL LOCATION VIE8	N.C.	A-B						
	LOC.	VIIB10						
PART No. 8459697	N.O.	C-D	E-F	G-H				
	LOC.	VIIB10	VIIB11					
MAIN CONTACT	LOC	IE4						
DC3	BRAKING GRID SHORTING CONTACTOR							
COIL LOCATION VIE8	N.C.	A-B						
	LOC.	VIIB11						
PART No. 8459697	N.O.	C-D	E-F	G-H				
	LOC.	VIIB10	VIIB11					
MAIN CONTACT	LOC	IE4						
FC1	FAN CONTACTOR							
COIL LOCATION VIE9	N.C.	A-B	E-F					
	LOC.							
PART No. 8314549	N.O.	C-D	G-H					
	LOC.							
MAIN CONTACT	LOC	IIC1	IIC2					

SYMBOL	DESCRIPTION							
FC2	FAN CONTACTOR							
COIL LOCATION VIE10	N.C.	A-B	E-F					
	LOC.							
PART No. 8314549	N.O.	C-D	G-H					
	LOC.	VID10						
MAIN CONTACT	LOC	IIC2	IIC2					
FS1A	FIELD SHUNT CONTACTOR							
COIL LOCATION VIE6	N.C.	E-F	G-H					
	LOC.	VC11	VD11					
PART No. 8451158	N.O.	A-B	C-D					
	LOC.	VC12	VIIC4					
MAIN CONTACT	LOC	ID5	ID6	IE6				
FS1B	FIELD SHUNT CONTACTOR							
COIL LOCATION VIE6	N.C.	E-F	G-H					
	LOC.	VIB3	VE11					
PART No. 8451158	N.O.	A-B	C-D					
	LOC.		VID6					
MAIN CONTACT	LOC	IE5	ID7	IE7				
GFC	GENERATOR FIELD CONTACTOR							
COIL LOCATION VE7	N.C.	E-F	G-H					
	LOC.	VC12						
PART No. 8330937	N.O.	A-B	C-D					
	LOC.		VID2					
MAIN CONTACT	LOC	IIC3	IIC3					
GFD	GEN FIELD RELAY CONTACTOR							
COIL LOCATION VIE2	N.C.	E-F	G-H					
	LOC.	IIE4	VIIE13					
PART No. 8400143	N.O.	A-B	C-D					
	LOC.	VIIE13	VIB6					
MAIN CONTACT	LOC	IID4	IID5					
MB/L1	MOTOR BRAKE TRANS. SWITCH							
COIL LOCATION ——	N.C.							
	LOC.							
PART No. 8453174	N.O.							
	LOC.							
MAIN CONTACT	LOC	IC6	ID6					
MB/L2	MOTOR BRAKE TRANS. SWITCH							
COIL LOCATION ——	N.C.							
	LOC.							
PART No. 8453174	N.O.							
	LOC.							
MAIN CONTACT	LOC	IC6	IE6					
MB/L3	MOTOR BRAKE TRANS. SWITCH							
COIL LOCATION ——	N.C.							
	LOC.							
PART No. 8453174	N.O.							
	LOC.							
MAIN CONTACT	LOC	IC5	ID5					

SYMBOL	DESCRIPTION							
MB/R1	MOTOR BRAKE TRANS. SWITCH							
COIL LOCATION ——	N.C.							
	LOC.							
PART No. 8453174	N.O.							
	LOC.							
MAIN CONTACT	LOC	IC7	IE7					
MB/R2	MOTOR BRAKE TRANS. SWITCH							
COIL LOCATION ——	N.C.							
	LOC.							
PART No. 8453174	N.O.							
	LOC.							
MAIN CONTACT	LOC	IC7	ID7					
MB/R3	MOTOR BRAKE TRANS. SWITCH							
COIL LOCATION ——	N.C.							
	LOC.							
PART No. 8453174	N.O.							
	LOC.							
MAIN CONTACT	LOC	IC8	IE8					
P16	PARALLEL CONTACTOR							
COIL LOCATION VIE4	N.C.	A-B						
	LOC.							
PART No. 8461332	N.O.	C-D	E-F	G-H				
	LOC.		VIB4	VC7				
MAIN CONTACT	LOC	IA5						
P25	PARALLEL CONTACTOR							
COIL LOCATION VIE4	N.C.	A-B						
	LOC.							
PART No. 8461332	N.O.	C-D	E-F	G-H				
	LOC.		VIB4	VC7				
MAIN CONTACT	LOC	IA6						
P34	PARALLEL CONTACTOR							
COIL LOCATION VIE5	N.C.	A-B						
	LOC.							
PART No. 8461332	N.O.	C-D	E-F	G-H				
	LOC.		VIB3	VC7				
MAIN CONTACT	LOC	IA7						
RV1/L3 + MCO	DIRECTION TRANSFER SWITCH							
COIL LOCATION VIE12	N.C.	A3-A4						
	LOC.	VID4						
PART No. 8453175	N.O.	B1-B2						
	LOC.	VIB11						
MAIN CONTACT	LOC	ID5	IE5					
RV2/L1 + MCO	DIRECTION TRANSFER SWITCH							
COIL LOCATION VIE12	N.C.	A3-A4						
	LOC.	VID4						
PART No. 8453175	N.O.	B1-B2						
	LOC.	VIB11						
MAIN CONTACT	LOC	ID6	IE6					

SYMBOL	DESCRIPTION							
RV3/R2 + MCO	DIRECTION TRANSFER SWITCH							
COIL LOCATION VIE13	N.C.	A3-A4						
	LOC.	VID5						
PART No. 8453175	N.O.	B1-B2						
	LOC.	VIB12						
MAIN CONTACT	LOC	ID7	IE7					
RV4/R3 + MCO	DIRECTION TRANSFER SWITCH							
COIL LOCATION VIE13	N.C.	A3-A4						
	LOC.	VID5						
PART No. 8453175	N.O.	B1-B2						
	LOC.	VIA12						
MAIN CONTACT	LOC	ID8	IE8					
RV5/R1 + MCO	DIRECTION TRANSFER SWITCH							
COIL LOCATION VIE13	N.C.	A3-A4						
	LOC.	VID4						
PART No. 8453175	N.O.	B1-B2						
	LOC.	VIA11						
MAIN CONTACT	LOC	ID6	IE6					
RV6/L2 + MCO	DIRECTION TRANSFER SWITCH							
COIL LOCATION VIE12	N.C.	A3-A4						
	LOC.	VID4						
PART No. 8453175	N.O.	B1-B2						
	LOC.	VIA11						
MAIN CONTACT	LOC	ID5	IE5					
ST	STARTING CONTACTOR							
COIL LOCATION IIID8	N.C.	E-F	G-H					
	LOC.							
PART No. 9325207	N.O.	A-B	C-D					
	LOC.	VID1						
MAIN CONTACT	LOC	IIIB7	IIIE7					
STA	STARTING AUXILIARY CONTACTOR							
COIL LOCATION VIE1	N.C.	G-H						
	LOC.							
PART No. 8482180	N.O.	A-B	C-D	E-F				
	LOC.	VID1	IIIC8	IIIC8				
MAIN CONTACT	LOC	IIIB7	IIIE7					
COIL LOCATION	N.C.							
	LOC.							
PART No.	N.O.							
	LOC.							
MAIN CONTACT	LOC							

SYMBOL	DESCRIPTION							
COIL LOCATION	N.C.							
	LOC.							
PART No.	N.O.							
	LOC.							
MAIN CONTACT	LOC							
COIL LOCATION	N.C.							
	LOC.							
PART No.	N.O.							
	LOC.							
MAIN CONTACT	LOC							
COIL LOCATION	N.C.							
	LOC.							
PART No.	N.O.							
	LOC.							
MAIN CONTACT	LOC							
COIL LOCATION	N.C.							
	LOC.							
PART No.	N.O.							
	LOC.							
MAIN CONTACT	LOC							
COIL LOCATION	N.C.							
	LOC.							
PART No.	N.O.							
	LOC.							
MAIN CONTACT	LOC							

EXAMPLE OF LOCATION DETAILS
VIE4
SECTION No. (ROMAN NUMERALS) — VERTICAL GRID — HORIZONTAL GRID

N.C. NORMALLY CLOSED
N.O. NORMALLY OPEN

NOTE:- FOR ORIGINAL DRAWING REFER Q.R. DWG No. DEW133

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USED ON | ASSY. DRG.
DATE | INIT'L'S | CHK'D. | CORRESP.
ALTERATION
REV.

ITEM	DESCRIPTION	ORDERING SIZE	QTY PER ASSY	SPECIFICATION

MRE W. THOMAS

QUEENSLAND RAILWAYS
OFFICE OF THE MANAGER, ROLLINGSTOCK ENGINEERING

DIESEL LOCOS 2170-2180 (EXTENDED CAB) PHYSICAL CIRCUIT DIAGRAM-CONTACTOR LOCATIONS & IDENTIFICATIONS GL26C-2 SECTION X SHEET 1

SCALE	——	REF.
DRAWN	A BOYD	A2-33116
CHECKED	19981112	
APPROVED	I CR	
DATE	20.11.98	REV.