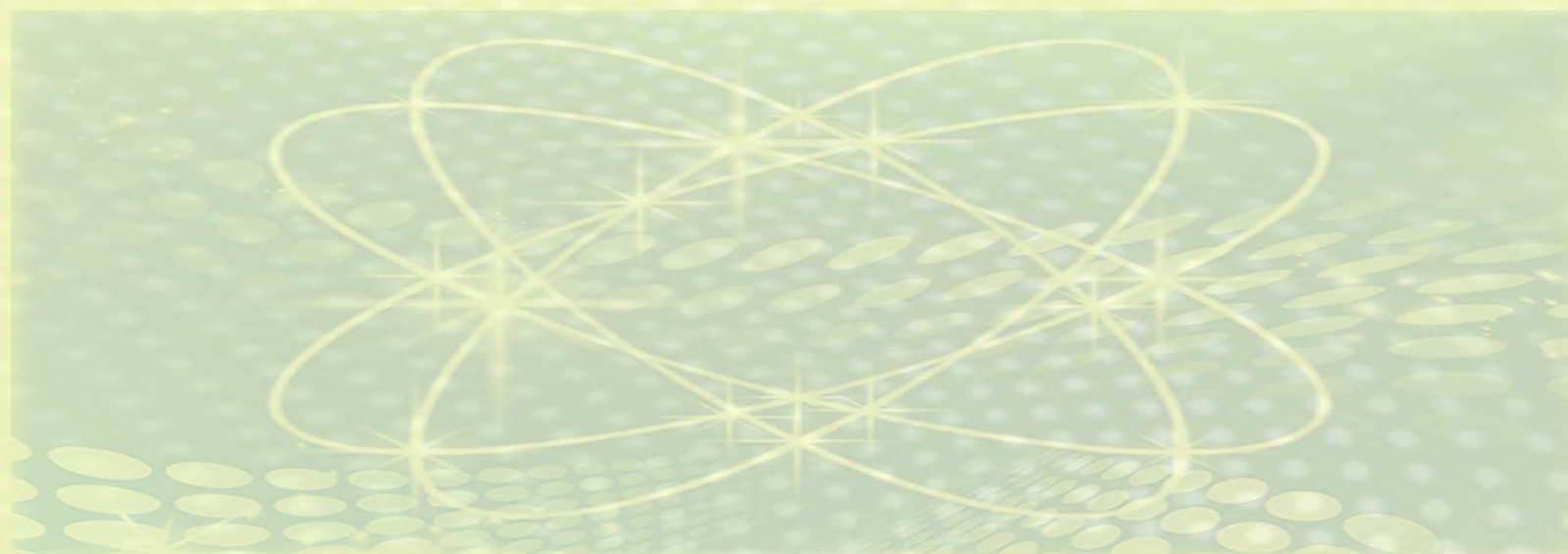


德莱赛兰机组 操作维护手册

韩忠晨



西北工业大学出版社

德莱赛兰机组操作维护手册

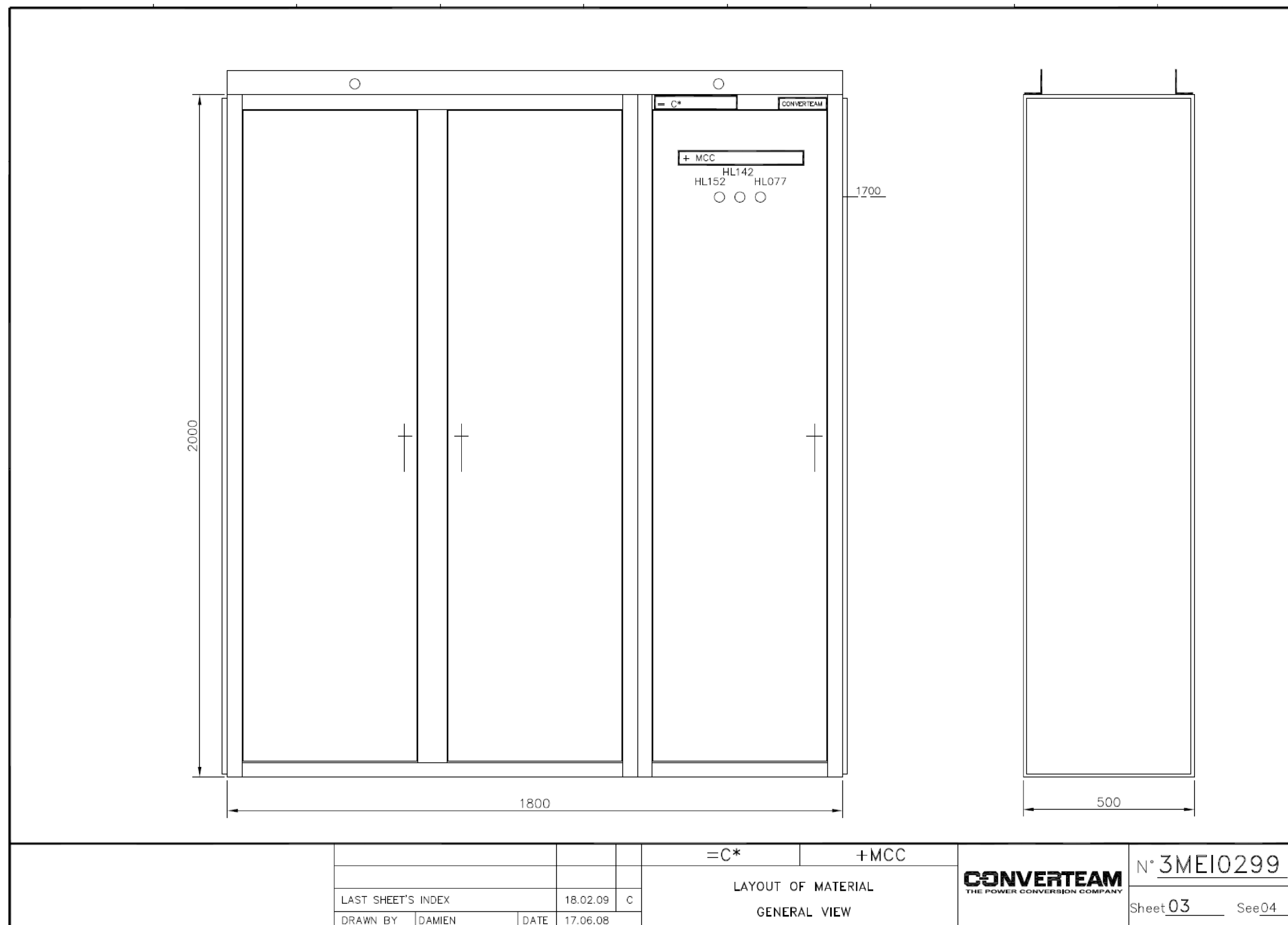
韩忠晨 主编

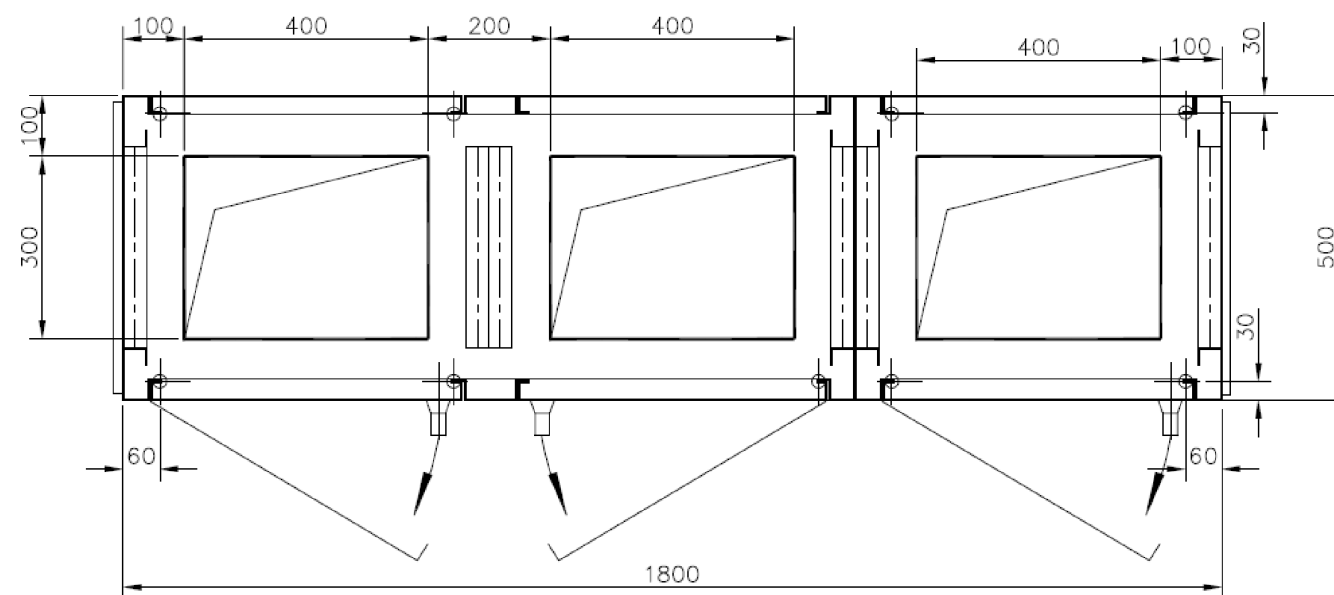
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16.06.08/DAM/EX/C-004803





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							Sheet <u>05</u>	See <u>05</u>		

	REV.	DEVICE MARK	QUANTITY	DESIGNATION	REFERENCE	PREPARED	
						SUPPLIER	
1			1	CABINET TYPE NKL H:2000 W:.. D:500 IP31 KEY 455	.	CLAUX	
2				DOCUMENT POCKET PAINT RAL7032			
3							
4		QS075	1	INTERRUPTEUR TETRAPOLAIRE TYPE INS800	31331	SCHNEIDER/MG	
5		QS075	1	INSTANTANEOUS AUXILIARY CONTACT BLOCK	29450	SCHNEIDER/MG	
6			1	PROTECTION SHROUDS	33629	SCHNEIDER/MG	
7							
8							
9							
10							
11		QF082	1	3-POLE CIRCUIT BREAKER NS160N TM-D	30630	SCHNEIDER/MG	
12			3	INSTANTANEOUS AUXILIARY CONTACT BLOCK	29450	SCHNEIDER/MG	
13			2	PROTECTION SHROUDS	29323	SCHNEIDER/MG	
14							
15		QF084-QF085-QF104-QF105	4	3-POLE CIRCUIT BREAKER C60L 25A CURVE K	25506	SCHNEIDER/MG	
16							
17		QF087-QF096-QF102-QF103	4	2-POLE CIRCUIT BREAKER C60N 4A CURVE D	24583	SCHNEIDER/MG	
18							
19		QF088	1	2-POLE CIRCUIT BREAKER C60L 32A CURVE C	24192	SCHNEIDER/MG	
20							
21						SCHNEIDER/MG	
22							
23		QF093	1	2-POLE CIRCUIT BREAKER C60L 10A CURVE C	24188	SCHNEIDER/MG	
24							
25							
26	B	QF107	1	4-POLE CIRCUIT BREAKER C60L 16A CURVE K	25522	SCHNEIDER/MG	
27	B	QF107	1	DIFFERENTIAL 30mA	26531	SCHNEIDER/MG	
28	B	QF109	1	2-POLE CIRCUIT BREAKER C60L 32A CURVE K	25489	SCHNEIDER/MG	
29	B	QF109	1	DIFFERENTIAL 30mA	26537	SCHNEIDER/MG	
30							
31		QF112-QF113-QF115-QF116-QF117	5	3-POLE CIRCUIT BREAKER C60L 10A CURVE K	25503	SCHNEIDER/MG	
32							
33		QF122-QF123-QF125-QF126	4	3-POLE CIRCUIT BREAKER C60L 10A CURVE K	25503	SCHNEIDER/MG	
34							
35	B		21	AUXILIARY CONTACT BLOCK "OF+OF"	26924		
36	B		21	AUXILIARY CONTACT BLOCK "OF+SD"	26929		
37			11	DISPOSITIF DE CADENASSAGE	26970	SCHNEIDER/MG	
38							
39		QF092	1	3-POLE CIRCUIT BREAKER NG125L 63A CURVE K	18855	SCHNEIDER/MG	
40			1	AUXILIARY CONTACT BLOCK "OF+OF"	19071	SCHNEIDER/MG	
41			1	AUXILIARY CONTACT BLOCK "OF+SD"	19072	SCHNEIDER/MG	
42							
43							
44							
45							

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	REV.	DEVICE MARK	QUANTITY	DESIGNATION	REFERENCE	PREPARED	
						SUPPLIER	
1		QS097	1	3-POLE SWITCH FUSERBLOC 400A	3615 3039	SOCOMEK	
2			1	COMMANDE DIRECTE	3629 7901	SOCOMEK	
3			1	AUXILIARY CONTACT BLOCK "OF"	3999 0022	SOCOMEK	
4			1	AUXILIARY CONTACT BLOCK "DDMM"	3994 0325	SOCOMEK	
5	C		1	AUXILIARY CONTACT BLOCK "DDMM"	3994 1901	SOCOMEK	
6			2	PROTECTION SHROUD	3998 3025	SOCOMEK	
7							
8			3	FUSE SIZE 2 315AqMP	6873 0315	SOCOMEK	
9							
10		QF144	1	2-POLE IRCUIT BREAKER TYPE C60N 6A CURVE D	24584	SCHNEIDER/MG	
11							
12		QF142	1	2-POLE CIRCUIT BREAKER TYPE C60N 40A CURVE D	24591	SCHNEIDER/MG	
13							
14		QF147	1	2-POLE CIRCUIT BREAKER TYPE C60N 6A CURVE C	24200	SCHNEIDER/MG	
15							
16			3	AUXILIARY CONTACT BLOCK "OF"	26924	SCHNEIDER/MG	
17			3	AUXILIARY CONTACT BLOCK "SD"	26927	SCHNEIDER/MG	
18							
19							
20	B	QF154	1	2-POLE IRCUIT BREAKER TYPE C60N 6A CURVE D	24584	SCHNEIDER/MG	
21							
22	B	QF152	1	2-POLE IRCUIT BREAKER TYPE C60N 16A CURVE D	24587	SCHNEIDER/MG	
23							
24							
25	B		2	AUXILIARY CONTACT BLOCK "OF"	26924	SCHNEIDER/MG	
26	B		2	AUXILIARY CONTACT BLOCK "SD"	26927	SCHNEIDER/MG	
27							
28	B						
29	B						
30							
31		QS143	1	INTERRUPTEUR -SECTIONNEUR 63A	15014	SCHNEIDER/MG	
32			1	AUXILIARY CONTACT BLOCK "OF"	15096	SCHNEIDER/MG	
33							
34							
35		FU076	1	MODULAR FUSE CARRIER 3P 10,3x38 TYPE STI	15656	SCHNEIDER/MG	
36			3	FUSE 10,3x38 2AgG			
37							
38	B	FU142-FU152	2	MODULAR FUSE CARRIER P+N 10,3x38 TYPE STI	15646	SCHNEIDER/MG	
39			2	FUSE 10,3x38 1AgG			
40							
41							
42							
43							
44							
45							

				=C*	+MCC	 THE POWER CONVERSION COMPANY	N° 3MEI0299	
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	REV.	DEVICE MARK	QUANTITY	DESIGNATION	REFERENCE	PREPARED	
						SUPPLIER	
1		KM202	1	3-POLE CONTACTOR 150A CONTROL CIRCUIT 220V AC	LC1 D150P7	SCHNEIDER/TE	
2							
3		KM204-KM205-KM214-KM215	4	3-POLE CONTACTOR 25A CONTROL CIRCUIT 220V AC	LC1 D25P7	SCHNEIDER/TE	
4							
5		KM207	1	3-POLE CONTACTOR 50A CONTROL CIRCUIT 220V AC	LC1 D50P7	SCHNEIDER/TE	
6							
7		KM212-KM213	2	3-POLE CONTACTOR 9A CONTROL CIRCUIT 220V AC	LC1 D09P7	SCHNEIDER/TE	
8							
9		KM222-KM223-KM224-KM225-KM226	9	3-POLE CONTACTOR 9A CONTROL CIRCUIT 220V AC	LC1 D09P7	SCHNEIDER/TE	
10		KM232-KM233-KM234-KM235					
11							
12		FR112-FR113-FR115-FR116-FR117	5	3-POLE THERMAL OVERLOAD RELAY 4/6A	LRD 10	SCHNEIDER/TE	
13							
14		FR122-FR123-FR125-FR126	4	3-POLE THERMAL OVERLOAD RELAY 5,5/8A	LRD 12	SCHNEIDER/TE	
15							
16		FR084-FR085-FR104-FR105	4	3-POLE THERMAL OVERLOAD RELAY 16/24A	LRD 22	SCHNEIDER/TE	
17							
18		FR092	1	3-POLE THERMAL OVERLOAD RELAY 37/50A	LRD 3357	SCHNEIDER/TE	
19							
20							
21	C	KA242-KA244-KA252-KA253	4	CONTROL RELAY CONTROL CIRCUIT 230V AC	CAD 32P7	SCHNEIDER/TE	
22							
23							
24		EH087	1	HEATING RESISTOR 230V AC 130W	SK 3107.000	RITTAL	
25							
26		ST087	1	HYGROMETER SWITCH TEMPERATURE:0 TO 60°C HUMIDITY: 50 TO 90%	17559	SAREL	
27							
28							
29		XW11 (6-7-8)	3	40x5 BAR			
30		XW11		65 TERMINAL BLOCK M6/8		ENTRELEC	
31		XW11 (10-11-12)	3	TERMINAL BLOCK M70/22		ENTRELEC	
32		XW11 (22-23-24)	3	TERMINAL BLOCK M16/12		ENTRELEC	
33							
34		XW21		20 TERMINAL BLOCK M6/8		ENTRELEC	
35							
36		XW22-XW23		2 TERMINAL BLOCK M16/12		ENTRELEC	
37				8 TERMINAL BLOCK M6/8		ENTRELEC	
38							
39		XT1		50 TERMINAL BLOCK M4/6 AL Ø		ENTRELEC	
40		XT2		100 TERMINAL BLOCK M4/6 AL Ø		ENTRELEC	
41							
42							
43		PE		40x6 CU BUS BAR			
44							
45							

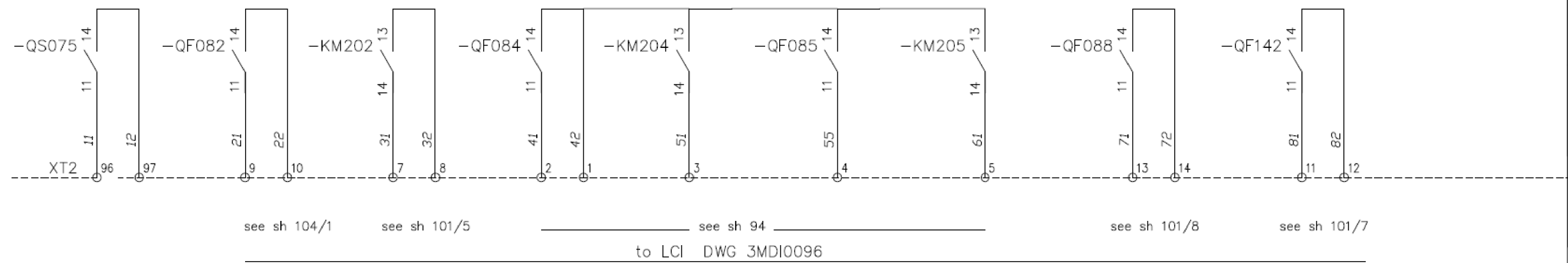
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				BILL OF MATERIAL					
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REV.	DEVICE MARK		QUANTITY	DESIGNATION	REFERENCE	PREPARED	
						SUPPLIER	
1							
2	B	HL142 HL152	2	WHITE SIGNALLING UNIT WITH TRANSFORMER 230/<50V FTR/220VAC/B/ø22		FAZIM	
3			2	LABEL "220V AC-UPS ON"	3MMI0087		
4							
5							
6							
7							
8		HL077	1	WHITE SIGNALLING UNIT WITH TRANSFORMER 400/<50V FTTNTR/400VAC/BBB/ø22		FAZIM	
9			1	LABEL "380V AC ON"	3MMI0087		
10							
11							
12							
13							
14							
15							
16							
17							
18							
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DESCRIPTION				SHEET	REVISION INDEX																							
					A	B	C	D	E	H	J	K	M	N	P	Q	T	U	V	W	X	Y	Z					
COVER SHEET				1	XX	XX	XX																					
PAGES AND REVISIONS				2	XX	XX	XX																					
LIST OF ABBREVIATIONS				3	XX	XX	XX																					
SENDING OF CONTACTS				4	XX	XX	XX																					
SENDING OF CONTACTS				5	XX		XX																					
SENDING OF CONTACTS				6	XX	XX	XX																					
380V 50Hz INCOMING				7	XX		XX																					
380V & 220V AC DISTRIBUTION				8	XX	XX	XX																					
380V & 220V AC DISTRIBUTION				9	XX	XX	XX																					
380V & 220V AC DISTRIBUTION				10	XX	XX	XX																					
380V & 220V AC DISTRIBUTION				11	XX		XX																					
380V & 220V AC DISTRIBUTION				12	XX	XX	XX																					
220VAC UPS DISTRIBUTIONS				13	XX	XX	XX																					
220VAC UPS DISTRIBUTIONS				14	XX	XX	XX																					
220VAC UPS DISTRIBUTION				15	XX	XX	XX																					
				16																								
				17																								
				18																								
				19																								
CONTROL				20	XX		XX																					
CONTROL				21	XX		XX																					
CONTROL				22	XX		XX																					
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CONTROL				24	XX		XX																					
CONTROL				25	XX		XX																					
				26																								
				27																								
				28																								
				29																								

DESCRIPTION				SHEET	REVISION INDEX																									
					A	B	C	D	E	H	J	K	M	N	P	Q	T	U	V	W	X	Y	Z							
EXTERNAL CONNECTIONS		TERMINAL XW11		30	XX		XX																							
EXTERNAL CONNECTIONS		TERMINAL XW11		31	XX	XX	XX																							
EXTERNAL CONNECTIONS		TERMINALS XW21–XW22–XW23		32	XX	XX	XX																							
EXTERNAL CONNECTIONS		TERMINAL XT1		33	XX		XX																							
EXTERNAL CONNECTIONS		TERMINAL XT2		34	XX		XX																							
EXTERNAL CONNECTIONS		TERMINAL XT2		35	XX	XX	XX																							

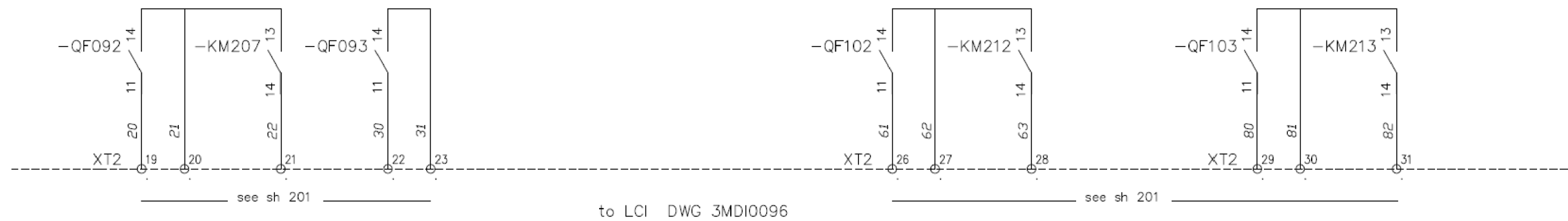


380V SUPPLY	EXCITATION AVAILABLE	CONTACTOR CLOSED	DEIONIZED WATER PUMP 1 C.B AVAILABLE	CONTACTOR CLOSED	DEIONIZED WATER PUMP 2 C.B AVAILABLE	CONTACTOR CLOSED	LCI AUXILIARIES SUPPLY FAULT	LCI UPS AC SUPPLY FAULT
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220VAC UPS CIRCUIT BREAKER	380V SUPPLY CIRCUIT BREAKER
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HF COOLING FANS
C.B.
AVAILABLE

CONTACTOR
CLOSED

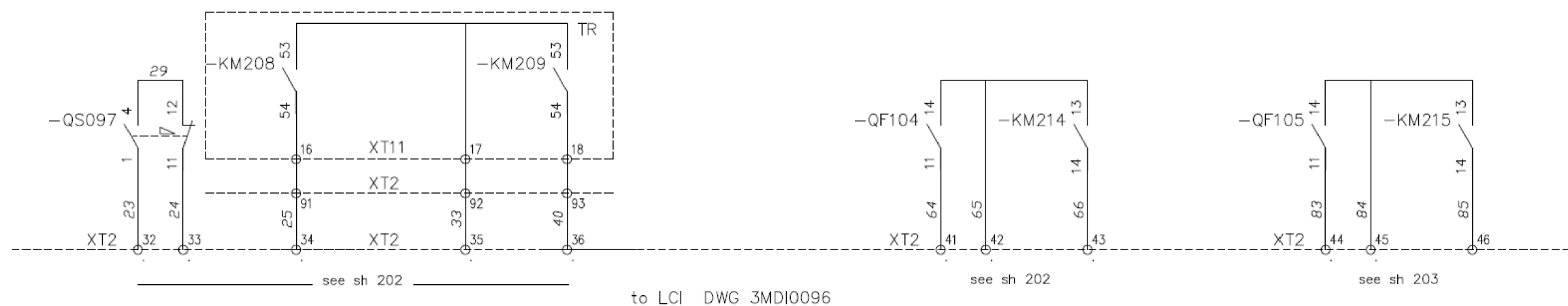
HF AUXILIARIES
SUPPLY

MOTOR SPACE HEATER 1
C.B.
AVAILABLE

CONTACTOR
CLOSED

MOTOR SPACE HEATER 2
C.B.
AVAILABLE

CONTACTOR
CLOSED



PRECHARGE TRANSFORMER STEP 1
C.B.
AVAILABLE

CONTACTOR
CLOSED

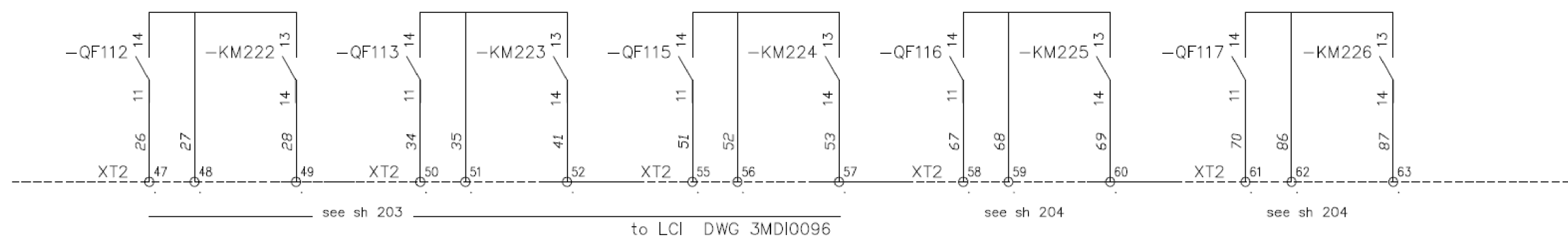
PRECHARGE TRANSFORMER STEP 2
CONTACTOR
CLOSED

MOTOR COOLING PUMP 1
C.B.
AVAILABLE

CONTACTOR
CLOSED

MOTOR COOLING PUMP 2
C.B.
AVAILABLE

CONTACTOR
CLOSED



LCI AIR COOLER FAN 1
C.B.
AVAILABLE

CONTACTOR
CLOSED

LCI AIR COOLER FAN 2
C.B.
AVAILABLE

CONTACTOR
CLOSED

LCI AIR COOLER FAN 3
C.B.
AVAILABLE

CONTACTOR
CLOSED

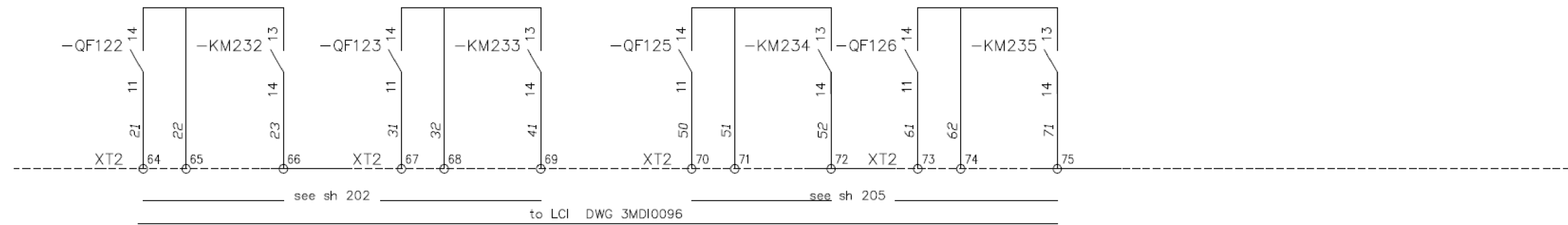
LCI AIR COOLER FAN 4
C.B.
AVAILABLE

CONTACTOR
CLOSED

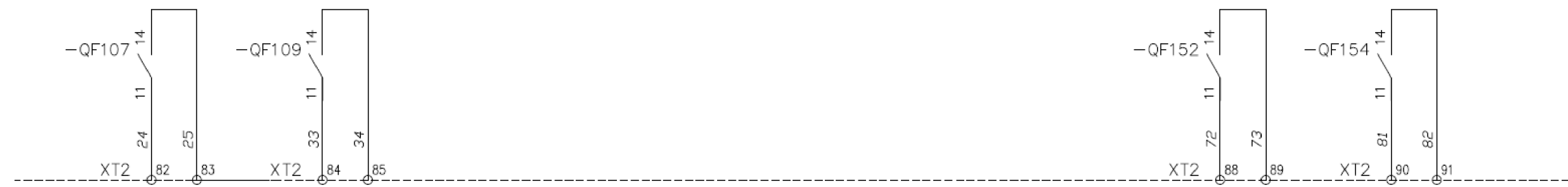
LCI AIR COOLER FAN 5
C.B.
AVAILABLE

CONTACTOR
CLOSED

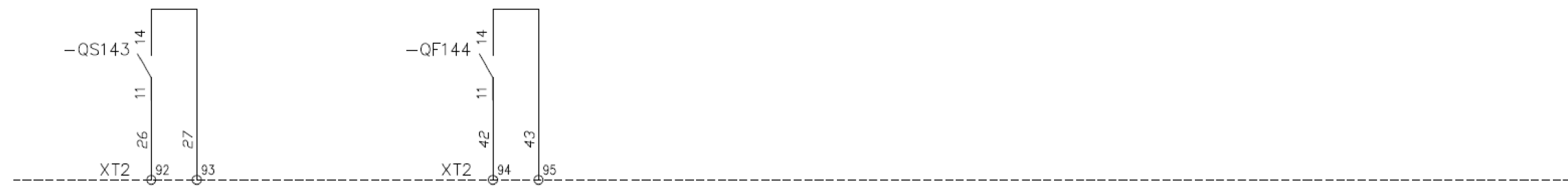
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MOTOR AIR COOLER FAN 1	MOTOR AIR COOLER FAN 2	MOTOR AIR COOLER FAN 3	MOTOR AIR COOLER FAN 4
C.B AVAILABLE	C.B AVAILABLE	C.B AVAILABLE	C.B AVAILABLE
CONTACTOR CLOSED	CONTACTOR CLOSED	CONTACTOR CLOSED	CONTACTOR CLOSED



220VAC-UPS CB	220VAC-UPS CB
HARMONIC FILTER	SPARE
CONTROL	



220VAC-UPS CB
SPARE

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