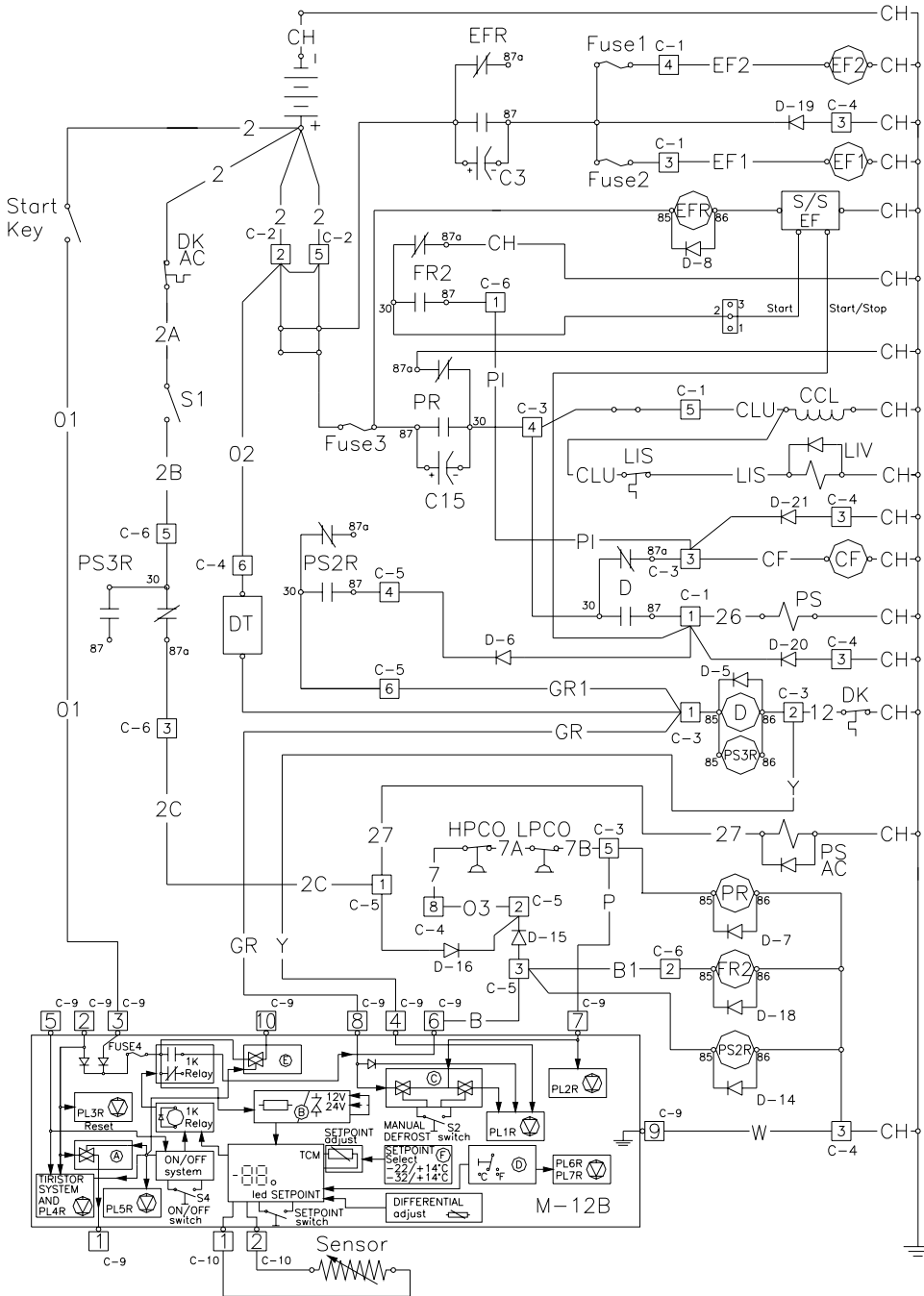


1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18



Wire Cab Box		Power	Capacitor	Fuse <sup>(1)</sup> 1	Fuse <sup>(1)</sup> 2	Fuse <sup>(1)</sup> 3	Fuse <sup>(1)</sup> 4 (CAB BOX)				
01,02,03 orange yellow		12V	(C3;C15) <sup>(1)</sup>	15A	15A	20A	1A				
B,B1 blue		24V	47µF 63V	10A	10A	15A	1A				
P purple			47µF 100V								
GR grey											
W white											
BL black											
PI pink											

<sup>(1)</sup> ON PRINTED CIRCUIT BOARD or M-12B

ITEM	PART NUMBER	REV.	DESCRIPTION	QTY.	MATL. SPEC'S
LIST OF MATERIAL					
DRAWN	A. MERCE	DATE	24.04.98		
CHECKED					
APPROVED	A. MERCE	DATE	24.04.98		
THIS PRINT SUPERSEDES ANY OF EARLIER DATE, DESTROY SAME.			SCALE		
THERMO KING BRAND			SCHEMATIC DIAGRAM		
V-090 MAX W/AC			12V; 24V		
Ref. 95.45.630			DRAWING NUMBER		
REV.			95.45.631		
MATERIAL:			FINISH:		
SHEET 1 of 1					

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF THE THERMO KING CORPORATION. IT IS TRANSMITTED TO YOU IN CONFIDENCE AND TRUST AND IS TO BE RETURNED UPON REQUEST. ITS CONTENTS MAY NOT BE DISCLOSED IN WHOLE OR IN PART TO OTHERS OR USED FOR OTHER THAN THE PURPOSE FOR WHICH TRANSMITTED WITHOUT THE PRIOR WRITTEN PERMISSION OF THERMO KING CORPORATION.

IDENT.	LEGEND	AREA
A BLOCK	ELECTRONIC SWITCH	16
B BLOCK	VOLTAGE SELECT	15
BT	BATTERY	4,5
C BLOCK	ELECTRONIC SWITCH	15
C3	CAPACITOR	8,9
C15	CAPACITOR	8,9
CCL	COMPRESSOR CLUTCH	8
CF	CONDENSER FAN MOTOR	9
D BLOCK	C/F SWITCH	16
DIODES	FCM PROTECTION DIODES:	
	-D-5; D-6	10,11
	-D-7	13
	-D14	14,15
	-D-15;D-16;D-18	13,15
	-D-19	5
	-D-20	10
	-D-21	9
D	DEFROST RELAY	9,10,11
DK	DEFROST TEMP. THERMOSTAT	11
DK/AC	START/STOP AC BY CLIXON	6,7
DT	DEFROST TIMER	10
EF1,EF2	EVAPORATOR FAN MOTOR	4,5
EF	AVAP. FAN MOTOR RELAY	4,5,6
FR2	CONTROL EF AC/COOL	6,7,14
FUSE	CURRENT LIMITER:	
	-1	9
	-2	8
	-3	7
	-4	15
HPCO	HIGH PRESSURE CUTOUT SWITCH	12
1K	THERMOSTAT RELAY	15
LIS	LIQUIT INJECTION SWITCH	8,9
LIV	LIQUIT INJECTION VALVE	8,9
LPCO	LOW PRESSURE CUTOUT SWITCH	12
M-12B	CAB CONTROL BOX	15,16
PE-17	PRINT CIRCUIT BOARD	4,15
PL	PILOT LIGHTS:	
	-1R DEFROST LED	15
	-2R ON LED	15
	-4R OVERLOAD LED	16
	-5R ON MEMBRANE SWITCH LED	16
	-6R gC LED	16
	-7R gF LED	16
PR	POWER RELAY	7,8,13
PS	PILOT SOLENOID	10
PS/AC	PILOT SOLENOID AC	12
PS2R	STOP DEFROST IF TH=STOP	9,10,14
PS3R	STOP A.C. WITH DEFROST	10,14
S/S EF	CONTROL START/STOP EVAP MOTOR	6
S1	ON-OFF AC SWITCH	8
S2	MANUAL DEFROST MEMBRANE SWITCH	12
S4	ON-OFF MEMBRANE SW.	15
TCM	TEMPERATURE CONTROL MODULE:	
	-SETPOINT LED	15
	-SETPOINT ADJUST	16
	-DIFERENTIAL ADJUST	16