

ALLEN-BRADLEY MEQUON CAD DOCUMENT				CAD DIRECTORY: BERTHA\DRAW\74100		CAD FILE NAME: A336822A.DWG																	
CATALOG NO. 1336-RLOAD		SERIES A		ASSEMBLY ORDERED: 74100-822																			
IT	DESCRIPTION	PART NO.	PRINT REQ'D.	QUANTITY PER ASSEMBLY																			
				1	2	3	4	5	6	7													
1	PACKAGING	PA500-441-08		1	1																		
2	INSTRUCTION SHEET	74001-047-01		1	1	1	1	1	1														
3	SCREW	29164-251-01		2	2	2	2	2	4														
4	RESISTOR, LOAD SHARING	24708-470-01		1																			
5	RESISTOR, LOAD SHARING	24708-470-02			1																		
6	BAG	PC180		1	1	1	1	1	1														
7	PACKAGING	PX522				1	1	1	1														
8	SIL PAD	24898-051-02				1	1	1															
9	ENVELOPE	ST571				1	1	1															
10	RESISTOR, LOAD SHARING	24708-470-03					1	1															
11	RESISTOR, LOAD SHARING	24708-470-04				1																	
12	RESISTOR, LOAD SHARING	24708-470-08							2														
ENGINEERING DATA <table border="1" style="margin: auto;"> <tr><td colspan="2" style="text-align: center;">OBSOLETE</td></tr> <tr><td colspan="2" style="text-align: center;">SUPERSEDED BY NONE</td></tr> <tr><td style="text-align: center;">LTR.</td><td style="text-align: center;">CHANGE NO.</td></tr> <tr><td style="text-align: center;">5</td><td style="text-align: center;">97R0727</td></tr> </table>				OBSOLETE		SUPERSEDED BY NONE		LTR.	CHANGE NO.	5	97R0727	CHG. LTR.	A	A	A	A	A	A					
				OBSOLETE																			
				SUPERSEDED BY NONE																			
				LTR.	CHANGE NO.																		
				5	97R0727																		
				ASSY. NO.	-01	-02	-03	-04	-05	-06													
				CATALOG NO./SUB-TITLE	1336-RLOAD-SP1A	1336-RLOAD-SP2A	1336-RLOAD-SP3A	1336-RLOAD-SP4A	1336-RLOAD-SP5A	1336-RLOAD-SP6A													
5	97R0727	CS	3-2098																				
REVISION AUTHORIZATION				1336 SPARE PARTS (A)				THIS DRAWING IS THE PROPERTY OF THE ALLEN-BRADLEY CO. INC. AND MAY NOT BE COPIED, USED OR DISCLOSED FOR ANY PURPOSE EXCEPT AS AUTHORIZED IN WRITING BY THE ALLEN-BRADLEY CO. INC. LOCATION: MEQUON, WISCONSIN U.S.A. DWG. SIZE A SHEET <u>1</u> OF <u>1</u> 74100-822															
4	16155-95	TJE	5-02-95	ALLEN-BRADLEY A ROCKWELL INTERNATIONAL COMPANY																			
3	16066-95	LDS	2-27-95																				
2	16179-94	LDS	12-5-94																				
1	17209-94-1	/	5-20-94																				
ACAD UNIT NO. ACAD.11				B	DR. LDS	DATE 5-20-94																	
				CHKD. G.H.	DATE 5-23-94																		
				APPD. G.K.	DATE 5-24-94																		


Preface

Introduction

This publication provides guidelines for replacing the major components in the PowerFlex 700 Frame 7 drive.

Component Kits

All kits include necessary components, ESD wrist strap and hardware (if required), and thermal grease (if required).

Description	Kit Catalog No.	Notes
Precharge Board	SK-G9-PRE1-V480	AC input
	1336-PB-SP22C	DC input
Main Control Board	SK-G9-VMCB1-D0	115V I/O
	SK-G9-VMCB1-C0	24V I/O
T-Comm Board	SK-G9-TCOMM	
Switch Mode Power Supply Board	SK-G9-PWRS1-D0	
Power Interface Board	SK-G9-GDB1-D292	292A Drives
	SK-G9-GDB1-D325	325A Drives
Heatsink Fan	SK-G1-FAN1-F7	
Heatsink Fan Transformer	1336-T-SP5A	480 to 120 Auto transformer (fan only)
Current Transducer	SK-G1-CT1-F7	Includes one Transducer.
Inverter Power Module (IGBT)	SK-G1-QOUT1-F7	Includes •Two IGBTs. •Two Gate Interface Boards.
Inverter Snubber Kit	SK-G1-INVSNB1-F7	Includes: •One Snubber Board. •One Resistor.
SCR Snubber Kit	SK-G1-SCRSNUBRB	AC input requires three kits. DC input requires one kit.
Converter Power Module (SCR)	SK-G1-SCR1-F7	AC input. Kit includes three SCR Modules.
DC Precharge SCR Module	SK-G1-SCR2-F7	DC input. Kit includes one SCR Module
Thermal Sensors	SK-G1-THM1-F7	Includes: •Main Control Panel Thermal Sensor •Heatsink Thermal Sensor.
Bus Fuse	1336-F1-SP6A	
Bus Capacitor	SK-G1-BUSCAP1-F7	Includes one Capacitor.
MOV	SK-G1-MOV1-F7	AC input.
DC Link Choke	SK-G1-DCCHOKE1-F7	AC input.
 Balancing Resistor	1336-RLOAD-SP4A	Includes one Resistor.

Refer to the master parts list for the most up-to-date information:

<http://www.ab.com/support/abdrives/powerflex70/PF7ReleasedParts.pdf>