

CABINET,ELECTRICAL EQUIPMENT

MODEL RAK-16A

REV

B

TITLE

USED ON

MODEL SECTION
GEN PURP

LIST SECTIONS

1. SUPPORTING NOTES
2. SUPPORTING LISTS
3. ELECTRICAL/MECHANICAL
4. SUPP ASSY/REF DWGS
5. SPECIFICATIONS
6. LOOSE ITEMS
7. PARTS PECULIAR

SHEET NO.

- SEE BELOW
NONE REQ
1-5
6
NONE REQ
7
8 FOR BASE MTG
9 FOR SHOCK MTG

LAST SYMBOLS

B602 P603
J608 TB601
MP602 W605

COMPILED L. GABEL
CHECKED L. GABEL JS.
APPROVED I. JOHNSON
FNL APPR *L. Gabel*
ISS DATE *1-13-64*

MISSING SYMBOLS

NONE

NOTE 1. THE FOLLOWING SYMBOL, #, IN THE REMARKS COLUMN INDICATES THAT THE PART NUMBER IMMEDIATELY FOLLOWING IT IS THE TMC PROPRIETARY MANUFACTURING DRAWING FOR THE CORRESPONDING NUMBER IN THE PART NUMBER COLUMN.

NOTE 2. AN ASTERISK, *, IN THE REFERENCE SYMBOLS COLUMN INDICATES THAT THE CORRESPONDING ITEM IS SUPPLIED AND ASSEMBLED BY THE CABINET MANUFACTURER.

MATERIAL LIST				REV											MODEL	RAK-16A		
															SHEET	1	OF	9
QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	LOCATION		SYMBOLS										
						USED ON	QUAN.											
1	AD103-5			FILTER,AIR, TOP		A3146	1	MP601										
1	AD103-9			FILTER,AIR, REAR		A3146	1	MP602										
2	BL106-2			FAN, VENTILATING		A2079-6	1	B601										
	BS100			SOLDER, SOFT		A2079-6	1	B602										
	CD101-1MW			CORD, LACING	BLK	AX229 CA409 CA550 CA575 CA550												
1	CU113			CLAMP, CABLE, CND		AX229	1											
8	EY102-20			GROMMET, ELASTIC		A2079-6	8											
4	FS102-1			LOCKSPRING		MS2509-1	4	*										
4	FS109-3			RING, RETAINING		MS2509-1	4	*										
4	FS110-1			STUD, TURNLOCK		MS2509-1	4	*										
8	FW06HBN			WASH., FLAT		A2079-6	8											
8	FW25HBN			WASH., FLAT		A2079-6	8											
1	GA144-122			GASKET, EXTRUDED		MS2516	1	*										
1	HA114-1			HDL, FLUSH TYPE		MS2516	1	*										
1	JJ100			CONN, RECP, TW LK		A3146	1	J601										
6	JJ170			CONN, RECP, TW LK		AX229	1	J603										
						AX229	1	J604										
						AX229	1	J605										
						AX229	1	J606										
						AX229	1	J607										
						AX229	1	J608										

MATERIAL LIST				REV	MODEL RAK-16A												SHEET 2 OF 9		
QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	LOCATION		SYMBOLS											
						USED ON	QUAN.												
1	LD633/MS2509-1			CAB,MODIFIED			MS2712	1	*										
1	LD880/PX544-4			INS,TERMINAL BD			A2079-6	1											
1	LD1301/MS2537			CHASSIS,BLOWER			A2079-6	1											
8	LWE04MRN			WASH.,LOCK,EXT			A2079-6	8											
13	LWE06MRN			WASH.,LOCK,EXT			A2079-6	8											
							A3146	5											
8	LWS03MRN			WASH.,LOCK,SPLIT			MS2509-1	8	*										
48	LWS04MRN			WASH.,LOCK,SPLIT			MS2509-1	48	*										
2	MS154-1			PLATE,STRADDLE			A2079-6	2											
4	MS1850-S			PLATE,ACCESS			MS2509-1	4	*										
1	MS2306			CHANNEL,AC STRIP	PO160		AX229	1											
1	MS2509-1			CAB,ELEC EQUIP			LD633	1	*										
1	MS2516			DOOR,CABINET			A3146	1	*										
1	MS2537			CHASSIS,BLOWER			LD1301	1											
1	MS2712			CAB.,MODIFIED			A3146	1	*										
30	MWC14/19/U0			WIRE,ELEC	BLK		AX229	30											
8	MWC14/19/U5			WIRE,ELEC	GRN		CA409-77	8											
30	MWC14/19/U9			WIRE,ELEC	WHT		AX229	30											
13	MWC20/7/U0			WIRE,ELEC	BLK		CA550	13											
9	MWC20/7/U4			WIRE,ELEC	YEL		CA550	9											
13	MWC20/7/U7			WIRE,ELEC	VIO		CA550	13											
9	MWC20/7/U9			WIRE,ELEC	WHT		CA550	9											

MATERIAL LIST				REV											MODEL	RAK-16A		
															SHEET	3	OF	9
QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	LOCATION		SYMBOLS										
						USED ON	QUAN.											
4	MWC22/7/U0			WIRE ,ELEC	BLK BLK	CA409-32 CA409-32	2 2											
1	NP103-42			NAMEPLATE ,IDENT	COML	A3146	1											
24	NT117-2520A			NUT ,ANCHOR		MS2509-1	24	*										
4	NT129-632-3			NUT ,SWAGE		MS2306	4											
12	NT129-832-4			NUT ,SWAGE		MS2537	12											
8	NTH0348BN6			NUT ,HEX		MS2509-1	8	*										
56	NTH0440BN6			NUT ,HEX		A2079 -6 MS2509-1	8 48	*										
13	NTH0632BN8			NUT ,HEX		A2079 -6 A3146	8 5											
1	PL133NG			CONN,RECP,3 PRONG		A3146	1	J602										
1	PL171			CONN,PL	W605	CA575-2	1	P601										
2	PM531B20.75			ROD ,DOORLATCH		MS2516	2	*										
1	P0160			CHANNEL,AC STRIP		MS2306	1											
1	P0161			ENDFTG,BLANK		AX229	1											
1	P0162			ENDFTG,CBL ENTRY		AX229	1											
1	P0163-1.875			COVER,CONN STRIP		AX229	1											
1	P0163-2.000			COVER,CONN STRIP		AX229	1											

MATERIAL LIST

REV

A B

MODEL RAK-16A

SHEET 4 OF 9

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
1	PO163-2.375			COVER,CONN STRIP		AX229	1	
1	PO163-3.750			COVER,CONN STRIP		AX229	1	
1	PO163-7.250			COVER,CONN STRIP		AX229	1	
1	PO163-10.750			COVER,CONN STRIP		AX229	1	
1	PO186			CAM,2 POINT CATCH		MS2516	1	
1	PX336-4			INS,TERM. BD		A2079-6	1	*
1	PX544-4			INS,TERM. BD		LD880	1	
4	SCBP0440BN12			SCREW,MACH		A2079-6	4	
12	SCBP0540BN3			SCREW,MACH		AX229	12	
9	SCBP0632BN6			SCREW,MACH		A3146	9	
8	SCBP0632BN14			SCREW,MACH		A2079-6	8	
12	SCBP0832BN6			SCREW,MACH		A3146	12	
24	SCBP2520BN10			SCREW,MACH		MS2509-1	24	*
8	SCFP0348BN6			SCREW,MACH		MS2509-1	8	*
48	SCFP0440BN8			SCREW,MACH		MS2509-1	48	*
4	SFB0256SN3			SCR,TAP,THD CTG		A3146	4	
12	TE112-2			TERM.,LUG		AX229	12	
8	TE117-30			SPACER		A2079-6	8	
10	TE120-2			TERM.,LUG		CA409-32	2	
						CA409-32	2	
						CA550	4	
						CA575-2	2	

MATERIAL LIST

REV

A B

MODEL RAK-16A

SHEET 5 OF 9

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
1	TE155-34170			TERM. ,LUG		CA409-77	1	
1	TE159-34160			TERM. ,LUG		CA409-77	1	
1	TM102-4			TERM.BD ,BARRIER		A2079-6	1	TB601
8	WA101-4			WASH. ,FIBER		A2079-6	8	
1	WI134-2-12			CBL,COILED ,PWR		CA575-2	1	

MATERIAL LIST

REV

A B

MODEL RAK-16A

SHEET 6 OF 9

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION SUPP ASSY/REF DWGS	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
1	A2079-6			BLOWER ASSY		A3146	1	
1	A3146			FNL ASSY,RAK-16A		RAK-16A	1	
1	AX229			AC PWR STRIP	#A1918	A3146	1	
2	CA409-32-2.00			LEAD,ELEC		A2079-6	1	W601
						A2079-6	1	W602
1	CA409-77-8.00			LEAD,ELEC		A3146	1	W603
1	CA550			CBL ASSY,BLOWER		A2079-6	1	W604
1	CA575-2			CBL ASSY,POWER		A2079-6	1	W6049

MATERIAL LIST

REV

A B

MODEL RAK-16A

SHEET 7 OF 9

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION LOOSE ITEMS	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
1	PL100			CONN, PLUG, FML		A3146	1	J601 MATE
1	PL134NG			CONN, PLUG, FML		A3146	1	J602 MATE
4	SC142C			EYEBOLT		A3146	4	

MATERIAL LIST

REV

A B

MODEL RAK-16A

SHEET 8 OF 9

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
				PARTS PECULIAR FOR BASE MOUNTING				
4	LWS37MRN			WASH. ,LOCK,SPLIT		A3146	4	
1	MS1901			BASE ,CABINET		A3146	1	
4	SCHH3716SN16			BOLT,MACH		A3146	4	

MATERIAL LIST

REV

A B

MODEL RAK-16A

SHEET 9 OF 9

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
				PARTS PECULIAR FOR SHOCK MOUNTING				
6	LWS37MRN			WASH. , LOCK, SPLIT		A3146	6	
6	SCHH3716SN16			BOLT, MACH		A3146	6	
6	SH104-4T6			ISOLATOR, SHOCK		A3146	6	

