Mammoth Fire Alarms
Incorporated

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STANDBY BATTERY CALCULATIONS

Created: 12/26/2013
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JOB NAME
RITE AID STORE # 3277 PPR
290 CONGRESS STREET
PORTLAND
ME
FIRE ALARM OPTION 1

QTY	PART #	DESCRIPTION	SUP CURRENT	ALARM CURRENT
2	2151	PHOTO SMOKE DETECTOR LOW PROFILE	0.0002	0.0002
2	B110LP	2 WIRE BASE FOR 2151	-	-
1	HSR75	WALL MOUNT RED HORN STROBE 75CD	-	0.1480
4	HSRC115	CEILING MOUNT RED HORN STROBE 115CD	-	0.7880
3	STR15	WALL MOUNT RED STROBE 15CD	-	0.1710
4	FIRE ALARM	SILENT KNIGHT PS-DA PULL STATION		
1	PS-6	6 AMP SIGNAL BOOSTER 2 CLASS A/4 B CKTS	0.1290	0.1290
2	PS1270	7 AH 12V SEALED BATTERY	-	-
1	TURN KEY	MFA MANAGED SYSTEM INSTALLATION	-	-
1	MX/PTS/25	PROGRAMMING 1-25 LOT PROGRAMMING	-	-
	TOTAL		**0.1292**	**1.2362**

15	Ring Time, in Min	(Total Alarm Current / (60 / Ring Time))	0.3091	ALM A/H
24	Standby Time, in Hrs	(Total Supervisory Current * Standby Time)	3.1008	SUP A/H
		Total Amp Hours Required	3.4099	
		Standby Reserve 20% 20	4.0919	