FIRE-LITE ALARMS by Honeywell

MRP-2001 Battery Calculation

Secondary Power Source Requirements

	Standby Current (amps)					Secondary Alarm Current (amps)				
Device Type	**Qty**		**Current Draw**		**Total**	**Qty**		**Current Draw**		**Total**
1. System										
Main Circuit Board	1	x	0.09500	=	0.095000	1	x	0.22100	=	0.221000
4XTMF		x	0.00500	=		0	x	0.01100	=	
CAC-5X		x	0.00100	=		0	x	0.00100	=	
2. Annunciators										
ANN-SEC Card		x	0.00300	=		0	x	0.00300	=	
ANN-80(-W)		x	0.01500	=		0	x	0.04000	=	
ANN-RLY		x	0.01500	=		0	x	0.07500	=	
ANN-I/O		x	0.03500	=		0	x	0.20000	=	
ANN-I/O LEDs		x	0.00000	=		0	x	0.01000	=	
ANN-S/PG		x	0.04500	=		0	x	0.04500	=	
ANN-(R)LED		x	0.02800	=		0	x	0.06800	=	
3. Conventional Detectors										
IDC Circuits Used Minus 1							x	0.04000	=	
2-Wire Detectors		x		=						
4-Wire Detectors		x		=						
4. Other Devices										
Power Supervision Relays		x	0.02500	=		0	x	0.02500	=	
Miscellaneous Device 1		x		=		0	x		=	
Miscellaneous Device 2		x		=		0	x		=	
Miscellaneous Device 3		x		=		0	x		=	
Miscellaneous Device 4		x		=		0	x		=	
Miscellaneous Device 5		x		=		0	x		=	
5. Notification Appliances										
NAC 1							x		=	
NAC 2							x		=	
NAC 3							x		=	
NAC 4							x		=	
Total Draw from TB9				=					=	
			Total Standby Load					**Total Alarm Load**		

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Note 1: You are **fully responsible for verifying these calculations**.

Note 2: Use the dropdowns in the **yellow** cells to enter values.

Calculation in Total Sheet

			Required Standby Time in Hours			
Standby Load Current		x		=		
			Required Alarm Time in Minutes			
Alarm Load Current (Amps)		x		=		
				Total Current Load		
		Multiply by the Derating Factor		1.2	=	
				Total Ampere Hours Required		