



6700 Battery Calculator (SK)
Version 18.05.29

Global Project Values:

Project Name:
Project ID:
Prepared By:
Date:

Standby Hours:
Alarm Mins:
Derating Factor:
Voltage Drop Warning
Threshold % :

Panel ID:
Location:

Model: 6700 Add. Fire Alarm Control Panel
Volts: 24 VDC

Max NAC Current: 2.5 Amps
Max Panel Current: 2.5 Amps

Ckt.#	Circuit Name	Qty	Current Draw		Wire AWG & Type	Ohms Per 1000 Ft.	Length(ft) One-Way	Actual Ohms	Volts @ EOL	%Drop
			Standby	Alarm						
6700	6700 CTRL Panel	1	0.200	0.365	"N/A"					
SK-PHOTO	Photo, Photo-T, PhotoR		0.000	0.000						
SK-HEAT	Heat, Heat-HT, ROR		0.000	0.000						
SK-BEAM	Beam, Beam-T		0.000	0.000						
SK-DUCT	Duct		0.000	0.000						
SK-ACCLIMATE	Acclimate		0.000	0.000						
SK-FIRE-CO	FIRE-CO		0.000	0.000						
SK-PHOTO-W	Photo W	1	0.000	0.045						
SK-PHOTO-R-W	Photo-R-W		0.000	0.000						
SK-PHOTO-T-W	Photo-T-W		0.000	0.000						
SK-HEAT-W	Heat-W		0.000	0.000						
SK-HEAT-ROR-W	Heat-ROR-W		0.000	0.000						
SK-HEAT-HT-W	Heat-HT-W		0.000	0.000						
SK-CONTROL	Control		0.000	0.000						
SK-CONTROL-6	Control-6		0.000	0.000						
SK-RELAYMON-2	RelayMon-2		0.000	0.000						
SK-MONITOR	Monitor, Minimon	4	0.002	0.002						
SK-MONITOR-2	Monitor-2		0.000	0.000						
SKMONITOR-10	Monitor-10		0.000	0.000						
SK-PULL-SAIDA	Pull-SA, Pull-DA	1	0.000	0.000						
SK-RELAY	Relay		0.000	0.000						
SK-RELAY-6	Relay-6		0.000	0.000						
SK-ZONE	Zone		0.000	0.000						
SK-ZONE-6	Zone-6		0.000	0.000						
SK-ISO	Isolator Module		0.000	0.000						
B224BI	Isolator Base		0.000	0.000						
B200SR	Sounder Base		0.000	0.000						
B200S	Intelligent Sounder Base		0.000	0.000						
B200SR-LF	Low Freq Sounder Base		0.000	0.000						
B200S-LF	Low Freq Sounder Base		0.000	0.000						
B224RB	Relay Base		0.000	0.000						
RTS151	Magnetic Remote Test		0.000	0.000						
RTS151KEY	Key Activated Test		0.000	0.000						
RA100Z	Remote LED		0.000	0.000						
6860	LCD Remote Annunc.		0.000	0.000						
5824	LCD Remote Annunc.		0.000	0.000						
5496	Power Expander		0.000	0.000						
5895XL	Power Expander		0.000	0.000						
5865-3	LED Annunciator (3G)		0.000	0.000						
5865-4	LED Annunciator (4G)		0.000	0.000						
5880	LED Driver Module		0.000	0.000						
5883	Relay Module		0.000	0.000						
SK-NIC	Network Input Card		0.000	0.000						
SK-FML	Muilti-Mode Fiber Card	0	0.000	0.000						
SK-FSL	Single-Mode Fiber Card	0	0.000	0.000						
NAC #1	Notification Appl Circuit		0.000	0.000	#12 Solid	1.59		0.00	20.40	0.00%
NAC #2	Notification Appl Circuit		0.000	0.000	#12 Solid	1.59		0.00	20.40	0.00%
Total Standby Current (Amps)			0.202	1.677	Total Alarm Current (Amps)					
Standby Time In Hours			24	0.083	Alarm Time In Minutes / 60 (5 Mins)					
Total Standby AH Required			4.850	0.140	Total Alarm AH Required					
Total Combined AH Required				4.99	Command Shortcuts					
Multiplv Bv The Derating Factor				1.20						