



**Supplement to the MS-9600(UD)LS(C/E)  
Fire-Lite Manual Document 52646 Revision B  
dated 06/17/2008**



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This Supplement provides updates to the MS-9600(UD)LS(C/E) FACP manual Revision B as indicated below:

# 1 Table 5.3: System Current Draw Calculations on page 177

The following table provides updated current draw values. The current draws that have changed are indicated by **bold** text.

Device Type	Calculation Column 1 Primary, Non-Fire Alarm Current (amps)			Calculation Column 2 Primary, Fire Alarm Current (amps)			Calculation Column 3 Secondary, Non-Fire Alarm Current (amps)		
	Qty	X[current draw]=	Total	Qty	X [current draw] =	Total	Qty	X[current draw]=	Total
<b>Main Circuit Board</b>	<b>1</b>	<b>X[0.160]=</b>	<b>0.160</b>	<b>1</b>	<b>X[0.253]=</b>	<b>0.253</b>	<b>1</b>	<b>X[0.103]=</b>	<b>0.103</b>
ANN-80	[ ]	X[0.037]=		[ ]	X[0.040]=		[ ]	X[0.015]=	
ANN-(R)LED	[ ]	X[0.028]=		[ ]	X[0.068]=		[ ]	X[0.028]=	
ANN-RLY	[ ]	X[0.015]=		[ ]	X[0.075]=		[ ]	X[0.015]=	
ANN-I/O	[ ]	X[0.035]=		[ ]	X[0.200]=		[ ]	X[0.035]=	
ANN-S/PG	[ ]	X[0.045]=		[ ]	X[0.045]=		[ ]	X[0.045]=	
ACM-8RF	[ ]	X[0.030]=		[ ]	X[0.158]*=		[ ]	X[0.030]=	
ACM-16ATF	[ ]			[ ]			[ ]		
ACM-32AF	[ ]	X[0.040]		[ ]	X[0.056]†=		[ ]	X[0.040]=	
AEM-16ATF	[ ]			[ ]			[ ]		
AEM-32AF	[ ]	X[0.002]		[ ]	X[0.018]‡=		[ ]	X[0.002]=	
AFM-16ATF	[ ]			[ ]			[ ]		
AFM-32AF	[ ]	X[0.040]		[ ]	X[0.056]‡=		[ ]	X[0.040]=	
AFM-16AF	[ ]	X[0.025]		[ ]	X[0.065]‡=		[ ]	X[0.025]=	
<b>DACT-UD2</b>	[ ]	<b>X[0.020]</b>		[ ]	<b>X[0.029]=</b>		[ ]	<b>X[0.017]=</b>	
LDM-32F	[ ]	X[0.040]		[ ]	X[0.056]‡=		[ ]	X[0.040]=	
LDM-E32F	[ ]	X[0.002]		[ ]	X[0.018]=		[ ]	X[0.002]=	
LCD-80F & LCD-80FC	[ ]	X[0.064]		[ ]	X[0.064]=		[ ]	X[0.025]=	
4XTMF	[ ]	X[0.005]=		[ ]	X[0.011]***=		[ ]	X[0.005]=	
4-wire Detector Heads	[ ]	X[ ]††=		[ ]	X[ ]=		[ ]	X[ ]=	
Power Supervision Relays††	[ ]	X[0.025]=		[ ]	X[0.025]=		[ ]	X[0.025]=	
<b>SLC-2LS Expander</b>	[ ]	<b>X[0.02500]=</b>		[ ]	<b>X[0.02600]=</b>		[ ]	<b>X[0.01900]=</b>	
CP350 & CP355	[ ]	X[0.00030]=		[ ]			[ ]	X[0.00030]=	
SD350 & SD355	[ ]	X[0.00030]=		[ ]			[ ]	X[0.00030]=	
SD350T & SD355T	[ ]	X[0.00030]=		[ ]			[ ]	X[0.00030]=	
AD350 & AD355	[ ]	X[0.00030]=		[ ]			[ ]	X[0.00030]=	
H350 & H355	[ ]	X[0.00030]=		[ ]			[ ]	X[0.00030]=	
H350R & H355R	[ ]	X[0.00030]=		[ ]			[ ]	X[0.00030]=	
H355HT	[ ]	X[0.00030]=		[ ]			[ ]	X[0.00030]=	
D350P & D350PL	[ ]	X[0.00030]=		[ ]			[ ]	X[0.00030]=	
D350RP & D350RPL	[ ]	X[0.00030]=		[ ]			[ ]	X[0.00030]=	
B501BH & B501BHT***	[ ]	X[0.001]=		[ ]			[ ]	X[0.001]=	
B224RB Relay Base	[ ]	X[0.00050]=		[ ]			[ ]	X[0.00050]=	
B224BI Isolator Base	[ ]	X[0.00045]=		[ ]			[ ]	X[0.00045]=	
MMF-300	[ ]	X[0.00040]=		[ ]			[ ]	X[0.00040]=	
MMF-300-10	[ ]	X[0.00350]=		[ ]			[ ]	X[0.00350]=	
MDF-300	[ ]	X[0.00075]=		[ ]			[ ]	X[0.00075]=	
MMF-301	[ ]	X[0.000375]=		[ ]			[ ]	X[0.000375]=	
MMF-302	[ ]	X[0.00027]=		[ ]			[ ]	X[0.00027]=	
MMF-302-6	[ ]	X[0.00200]=		[ ]			[ ]	X[0.00200]=	
BG-12LX	[ ]	X[0.00030]=		[ ]			[ ]	X[0.00030]=	
CMF-300	[ ]	X[0.00039]=		[ ]			[ ]	X[0.00039]=	
CMF-300-6	[ ]	X[0.00225]=		[ ]			[ ]	X[0.00225]=	
CRF-300	[ ]	X[0.00027]=		[ ]			[ ]	X[0.00027]=	
CRF-300-6	[ ]	X[0.00145]=		[ ]			[ ]	X[0.00145]=	
I300	[ ]	X[0.00040]=		[ ]			[ ]	X[0.00040]=	
NAC #1†††	[ ]			[ ]	X[ ]=		[ ]		
NAC #2	[ ]			[ ]	X[ ]=		[ ]		
NAC #3	[ ]			[ ]	X[ ]=		[ ]		
NAC #4	[ ]			[ ]	X[ ]=		[ ]		
Current Draw from TB3 (nonalarm†††)	[ ]	=		[ ]	[ ]=		[ ]	[ ]=	
<b>Sum each column**** for totals</b>		<b>Primary Non-Alarm =</b>			<b>Primary Alarm =</b>			<b>Secondary Non-Alarm =</b>	

\* All eight ACM-8RF relays activated on a single module.

† All annunciator LEDs on

‡ LDM-32F with LEDs on

\*\*\* If using the Reverse Polarity Alarm output, add 0.005 amps; if using the Reverse Polarity Trouble output, add another 0.005 amps.

†† Refer to the Device Compatibility Document for standby current.

‡‡ Must use compatible listed Power Supervision Relay.

\*\*\*Maximum alarm current for each sounder base is 0.015 amps which must be supplied by aux. 24VDC source.

†††Current limitation of Terminal TB4 circuits is 3.00 amps per NAC.

††††The total standby current must include both the resettable (TB3 Terminals 1 & 2) and nonresettable (TB3 Terminals 3 & 4, 5 & 6) power. Caution must be taken to ensure that current drawn from these outputs during alarm does not exceed maximum ratings specified. Current limitations of TB3 circuits is 3.0 amps per output

\*\*\*\*Total current draw listed above cannot exceed 7.0 amps in alarm.

## 2 Appendix G: Canadian Applications on page 201

Replace the first bulleted line with the following statement:

- The MS-9600LSC is supplied with the DP-9692 Dress Panel. The ANN-LED annunciator must be ordered separately.