



Product Type: ASC/3 and ASC/3-2070

Reference: AN2115
Date: 13 May 2009

Correct Flash Settings for TS2 Type 1 & Type 2 and 170 Cabinets

Purpose

This application note tells you how to correctly set cabinet flash with ASC/3 controller software.

Introduction

The procedures, in the Applications section below, tell you how to configure cabinet flash with ASC/3 software on an ASC/3 NEMA¹ or 2070 controller:

- For a TS2 Type 1 or Type 2, or a 170 cabinet, you can program the flash through the CVM².
- For any type of cabinet, you can program the flash through the Load Switches.

Applications

There are two procedures you can use to set the controller so its flash patterns will operate correctly.

Flash through CVM (only with TS2 Cabinets)

1. Go to MM-2-5.
2. Set FLASH>MON to YES, as shown below.
3. Set the applicable parameters for the desired flash operation.

```

START/FLASH DATA
-----START UP-----
      1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
PHASE  . Y . . . Y . . . . .
      A B C D E F G H I J K L M N O P
OVERLAP X X X X . . . . .
FLASH>MON YES FL TIME.. 0 ALL RED... 0
PWR START SEW.. 1
-----AUTOMATIC FLASH-----
      PHASE 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
ENTRY   . X . . . X . . . . .
EXIT    . X . . . X . . . . .
OVERLAP A B C D E F G H I J K L M N O P
EXIT    X X X X . . . . .
FLASH>MON. NO EXIT FL. W MIN FLASH. 8
MINIMUM RECALL. NO CYCLE THRU PHASE. NO

```

MM-2-5

NOTE: With this setting, the power start flash is through the CVM and will flash until the control goes to the startup phases in MM-2-5.

¹ NEMA = National Electrical Manufacturers Association

² CVM = controller voltage monitor



ASC/3 and ASC/3-2070

AN2115: Correct Flash Settings for TS2 Type 1 & Type 2 and 170 Cabinets

Flash through Load Switches (for All Cabinets)

1. Go to MM-2-5.
2. Set FLASH>MON to NO.
3. Set the applicable parameters for the desired flash operation.
4. Go to MM-1-3.
5. Under the FLASH columns, PWR (power start up) and AUT (automatic), set the applicable parameters for the desired flash operation.

This instructs the controller to flash correctly when CVM is released. The load switch flash will only last for about 2 seconds per the setup and then transition to the startup colors in MM-2-5.

LD SWITCH ASSIGN										
	PHASE	/OULP	TYPE	DIMMING			---FLASH---			
				R	Y	G	D	PWR	AUT	TGR
1	1	U		.	.	.	+	A	R	.
2	2	U		.	.	.	+	A	Y	X
3	3	U		.	.	.	+	A	R	.
4	4	U		.	.	.	+	A	R	X
5	5	U		.	.	.	-	A	R	.
6	6	U		.	.	.	-	A	Y	X
7	7	U		.	.	.	-	A	R	.
8	8	U		.	.	.	-	A	R	X
9	2	P		.	.	.	+	A	.	.
10	4	P		.	.	.	+	A	.	.
11	6	P		.	.	.	-	A	.	.
12	8	P		.	.	.	-	A	.	.
13	1	O		.	.	.	+	A	R	.

MM-1-3