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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
	B1	REVISED PER ECO-11-025366		22DEC11	KH	PO	

CIRCUIT DIAGRAM

ACTUATOR A 1 ○ — ○ — ○ — ○ 4

ACTUATOR B 2 ○ — ○ — ○ — ○ 3

NOTE: TERMINAL NUMBERS ARE FOR REFERENCE ONLY, AND DO NOT APPEAR ON SWITCHES.

SPECIFICATIONS:

MATERIALS:

CASE: PBT, G30, 94HB, BLACK.
 FRAME: STEEL, TIN PLATE.
 ACTUATOR BUTTON: PBT, G30, 94HB, COLOR: SEE BELOW.
 MOVABLE CONTACT: COPPPER ALLOY, SILVER FINISH. FIXED CONTACT/TERMINAL: COPPER ALLOY, SILVER FINISH.

ELECTRICAL:

MAX CONTACT RATING: 50MILLIAMPS@24V DC
 MIN CONTACT RATING: 10MICROAMPS@1V DC
 CONTACT RESISTANCE: 100 MILLIOHMS MAX.
 INSULATION RESISTANCE: 100 MEGOHMS @100 VDC.
 DIELECTRIC STRENGTH: 250 VAC.
 LIFE EXPECTANCY: 100,000 CYCLES MIN.

MECHANICAL:

ACTUATION FORCE: 160 ±50gf
 ACTUATION TRAVEL: .010 +.008/-.004 INCHES.

ENVIRONMENTAL:

OPERATING TEMPERATURE: -35°C TO +85°C
 STORAGE TEMPERATURE: -35°C TO +85°C.
 SOLDER HEAT, PER 109-202 COND B.

1 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)

RECOMMENDED PCB LAYOUT
 TOLERANCE ±.002 UNLESS OTHERWISE NOTED.

BLACK	.329±.005	FSM2RA9J	3-1437565-2
BLACK	.152±.005	FSM2RA2J	3-1437565-1
ACTUATOR BUTTON COLOR	DIM "L"	ALCO P/N	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	12APR07																						
DIMENSIONS: INCHES		CHK	12APR07																						
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	12APR07																						
<table border="1"> <tbody> <tr> <td>0 PLC</td> <td>±</td> <td>-</td> </tr> <tr> <td>1 PLC</td> <td>±</td> <td>-</td> </tr> <tr> <td>2 PLC</td> <td>±</td> <td>-</td> </tr> <tr> <td>3 PLC</td> <td>±</td> <td>.010</td> </tr> <tr> <td>4 PLC</td> <td>±</td> <td>-</td> </tr> <tr> <td>ANGLES</td> <td>±</td> <td>-</td> </tr> <tr> <td>FINISH</td> <td>-</td> <td>-</td> </tr> </tbody> </table>		0 PLC	±			-	1 PLC	±	-	2 PLC	±	-	3 PLC	±	.010	4 PLC	±	-	ANGLES	±	-	FINISH	-	-	NAME
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FINISH	-	-																							
MATERIAL	-	PRODUCT SPEC	-	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO																		
-		APPLICATION SPEC	-	A2	00779	C=3-1437565-1	-																		
-		WEIGHT	-	CUSTOMER DRAWING		SCALE	SHEET																		
-		-		4:1	1 of 1	REV	B1																		

WAS 81128

1471-9 (3/11)

3-1437565-1

B

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