



THE GEMINI SERIES

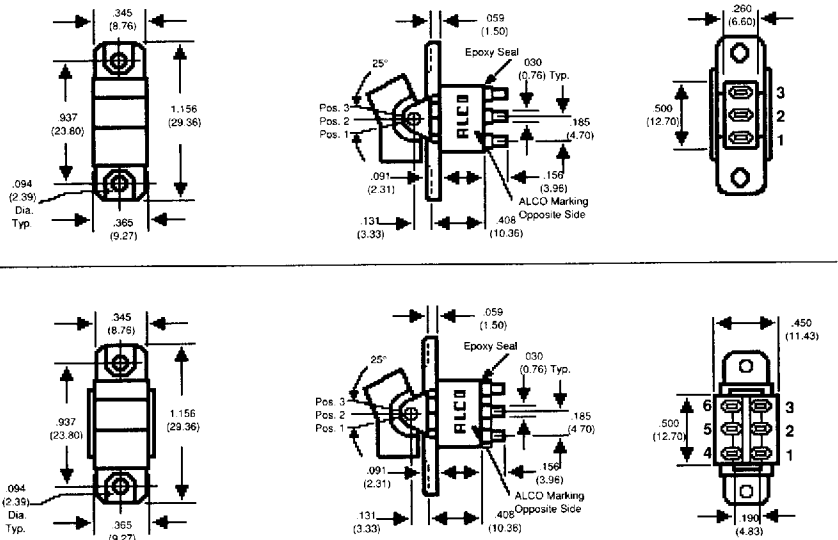
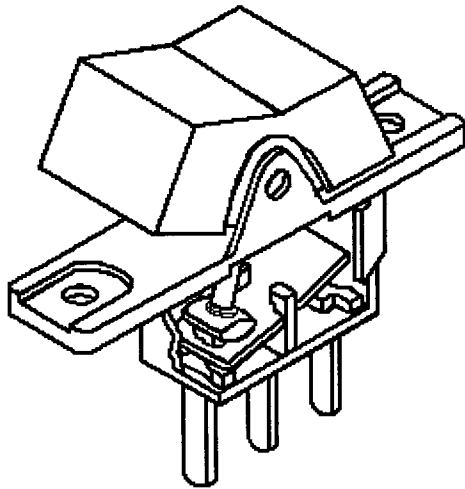
"AE" Series Washable Rockers

SPECIFICATIONS

Contact Rating: Silver, 5 A @ 125 VAC; Gold, 0.4VA @ 20 VDC max.
Contact Resistance: 30 milliohms maximum initial.
Insulation Resistance: 1,000 megohms minimum @ 500 VDC.
Dielectric Strength: 1,000 volts RMS at sea level initial.
Electrical Life: 60,000 operations (For -01 functions only). All others 30,000.

Terminal Seal: Epoxy (standard).
Operating Temperature: -30°C to +85°C.
Storage Temperature: -45°C to +100°C.
Process Sealing: Seals will withstand wave soldering and various subsequent cleaning operations.
Static Withstanding: 15KV per IEC 801-2.
 Meets MIL-STD -202, Method 112C, Test Condition A & D, 85°C.

DESIGN



PART NUMBERING

MODEL	FUNCTION	ACTUATOR	TERMINAL	CONTACT	ACTUATOR COLOR	BEVELED FRAME COLOR
AE1 Single Pole	ROCKER J1 Standard J50 Small PADDLE J2 Standard J60 Small		Z Wire Lug	B Gold Q Silver G Gold over Silver	0 Black (Std.) 1 Brown 2 Red 3 Orange 4 Yellow 5 Green 6 Blue 8 Gray 9 White	0 Black (Std.) 1 Brown 2 Red 3 Orange 4 Yellow 5 Green 6 Blue 8 Gray 9 White
AE2 Double Pole						
01 On-On						
03 On-Off-On						
05 (On)-Off-(On)						
07 On-Off-(On)						
08 On-(On)						
11 On-On-On						
13 On-On-(On)						
15 (On)-On-(On)						
02 On-Off-Off						
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See page M24 for SP3T wiring diagram.

Custom legends are available. Please contact Augat/Alcoswitch for further details.

U.L. Available upon request

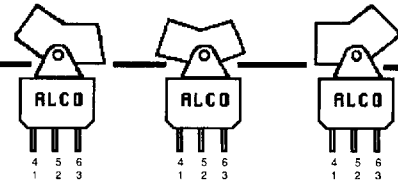
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.



THE GEMINI SERIES

"AE" Series Washable Rockers

FUNCTIONS



The following functions available in SP or DP.

01 2 Positions	NONE indicates no mechanical position.	ON	NONE	ON
03 3 Positions		ON	OFF	ON
05 3 Positions	OFF indicates a mechanical position with no electrical connection.	(ON)	OFF	(ON)
07 3 Positions		ON	OFF	(ON)
08 2 Positions	(ON) indicates momentary action.	ON	NONE	(ON)
SPDT, connect terminals:		1—2	—	2—3
DPDT, connect terminals:		1—2 4—5	—	2—3 5—6

11 3 Positions	ON	ON	ON
13 3 Positions	ON	ON	(ON)
15 3 Positions	(ON)	ON	(ON)

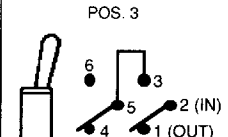
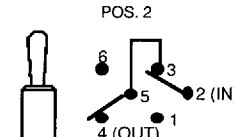
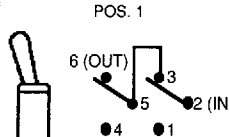
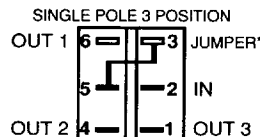
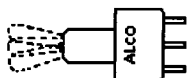
The following functions available in DP only.

Connect terminals:

1—2 4—5	2—3 4—5	2—3 5—6
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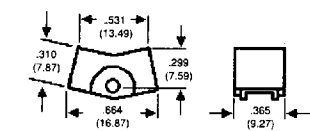
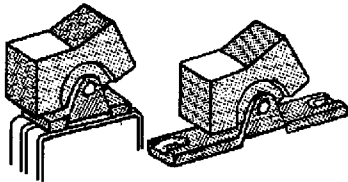
WIRING DIAGRAM FOR FUNCTIONS

- 11** Pos. 3
- 13** Pos. 2
- 15** Pos. 1



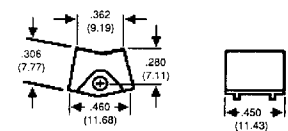
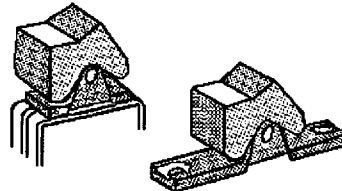
ACTUATORS

J1 ROCKER Use beveled frame B20 for enhancement (page C40) when ordering with terminations other than C or Z.



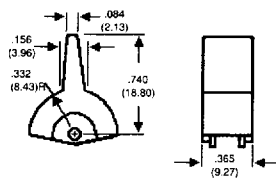
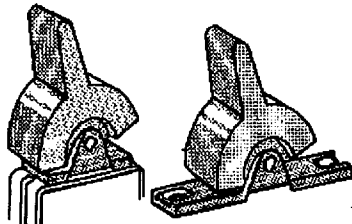
Unless otherwise specified by terminal type, the panel mounting bracket will be supplied.

J50 ROCKER Use beveled frame B10 for enhancement (page C40) when ordering with terminations other than C or Z.



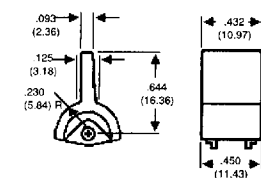
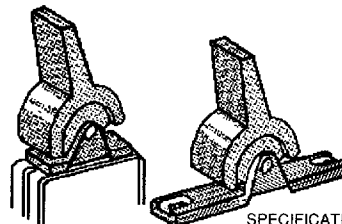
Unless otherwise specified by terminal type, the panel mounting bracket will be supplied.

J2 PADDLE Use beveled frame B-10 for enhancement (page C40) when ordering with terminations other than C or Z.



Unless otherwise specified by terminal type, the panel mounting bracket will be supplied.

J60 PADDLE Use beveled frame B-20 for enhancement (page C40) when ordering with terminations other than C or Z.



Unless otherwise specified by terminal type, the panel mounting bracket will be supplied.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.





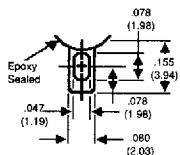
THE GEMINI SERIES

"AE" Series Washable Rockers

TERMINALS

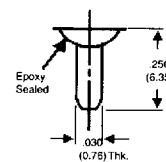
Z

WIRE LUG

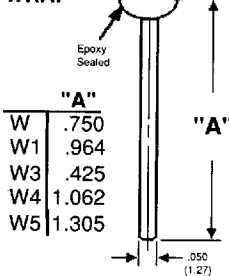


Z3

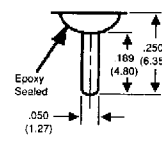
QUICK CONNECT



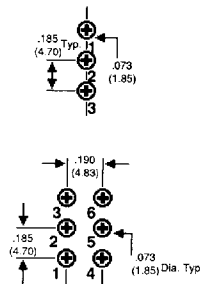
W W1 W3 W4 W5
WIRE WRAP



C
PRINTED CIRCUIT

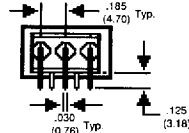
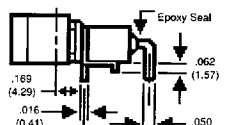
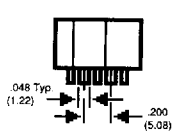


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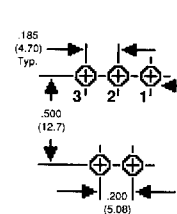


A

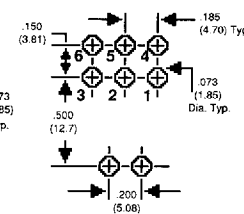
RIGHT ANGLE
Single Pole



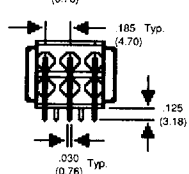
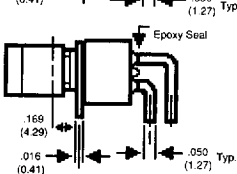
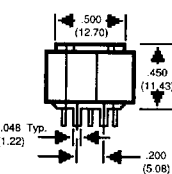
Single Pole



Double Pole



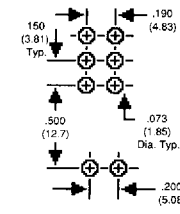
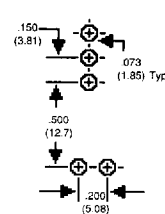
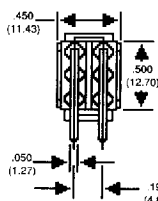
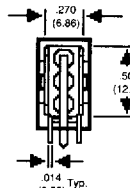
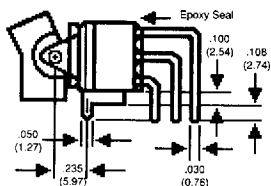
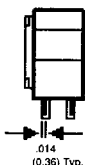
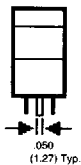
RIGHT ANGLE
Double Pole



NOTE: TERMINAL NUMBERS VIEWED FROM TOP OF P.C. BOARD.

AV2

VERTICAL RIGHT ANGLE

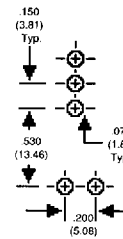
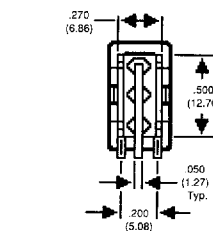
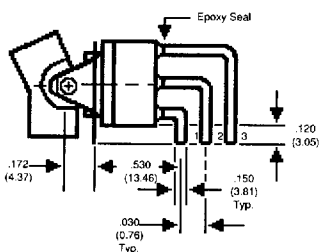
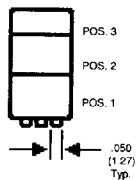


NOTE: TERMINAL NUMBERS VIEWED FROM TOP OF P.C. BOARD.

V5

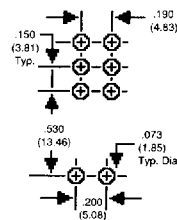
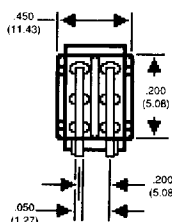
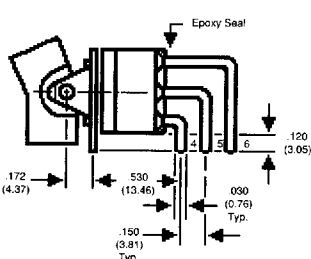
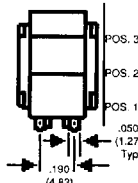
VERTICAL RIGHT ANGLE

Single Pole



Double Pole

VERTICAL RIGHT ANGLE



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.



Alcoswitch®

1551 Osgood Street

N. Andover, MA 01845 USA

Tel: (508)685-4371

FAX: (508)686-9545

TLX: 275423

M25



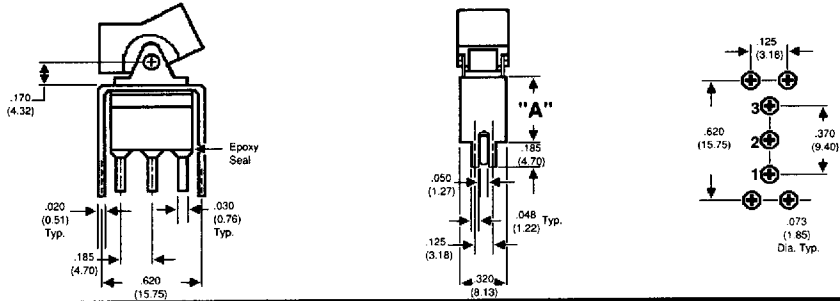
THE GEMINI SERIES

"AE" Series Washable Rockers

V3 V4 V9

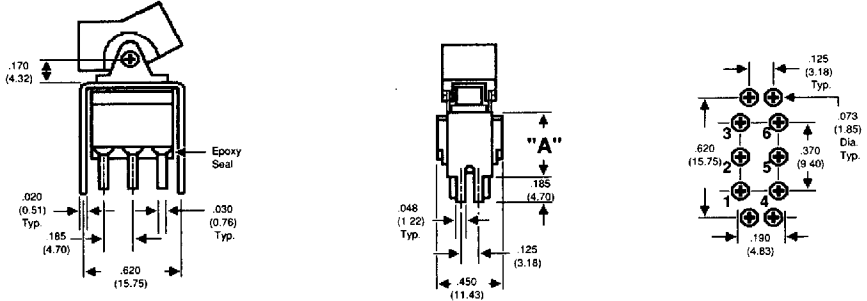
VERTICAL SUPPORT BRACKET
Single Pole

OPTION CODE	Dim. "A"
V3	.460 (11.68)
V4	.630 (16.00)
V9	1.150 (29.21)



VERTICAL SUPPORT BRACKET
Double Pole

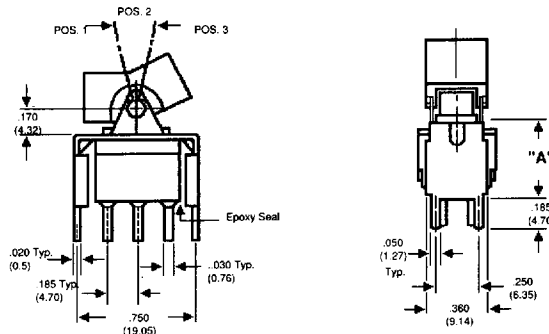
OPTION CODE	Dim. "A"
V3	.460 (11.68)
V4	.630 (16.00)
V9	1.150 (29.21)



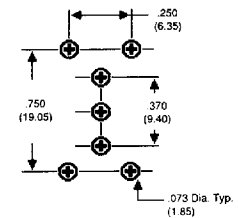
V6 V7 V8

VERTICAL SUPPORT BRACKET
Single Pole

OPTION CODE	Dim. "A"
V6	.460 (11.68)
V7	.630 (16.00)
V8	.953 (24.21)

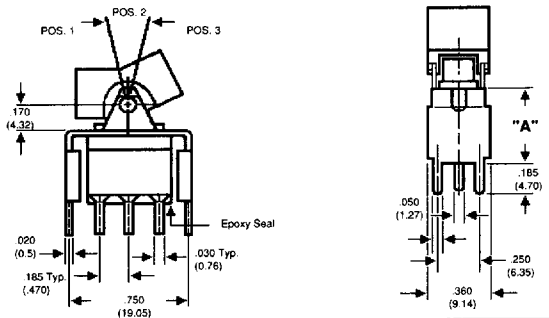


PC MOUNTING

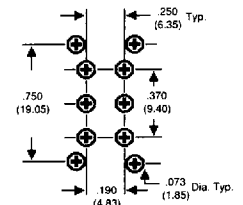


VERTICAL SUPPORT BRACKET
Double Pole

OPTION CODE	Dim. "A"
V6	.460 (11.68)
V7	.630 (16.00)
V8	.953 (24.21)



PC MOUNTING



CONTACTS

B CONTACTS: Copper alloy with gold plate over nickel plate, welded button.

TERMINALS: Copper alloy with gold plate.

ELECTRICAL RATING: 0.4VA @ 20 VAC/DC.

Q CONTACTS: Copper alloy with silver, welded button.

TERMINALS: Brass or copper strip with silver plate.
UL/CSA RATING: 5A @ 125 VAC, 3 @ 250 VAC (Specify "UL" option code)
ELECTRICAL RATING: 5 amps @ 125VAC, 2 amps @ 250 VAC, 5 amps @ 28 VDC.

G CONTACTS: Copper alloy with gold plate over silver, welded button.

TERMINALS: Copper alloy, with gold plate over silver.
ELECTRICAL RATING: 0.4VA @ 20 VAC/DC. or 5 amps @ 125 VAC, 2 amps @ 250 VAC, 5 amps @ 28 VDC.

Note: This contact option can be used for low-level or power switching. If level is above 0.4 VA @ 20 VAC/DC. the switch is rendered usable only for power switching due to arc-removal of gold plate.

UL/CSA RATING: 5A @ 125 VAC, 3 @ 250 VAC (Specify "UL" option code)

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.



Alcoswitch® 1551 Osgood Street

N. Andover, MA 01845 USA

Tel: (508)685-4371

FAX: (508)686-9545

TLX: 275423