



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



The Gemini Series "AE" Series Washable Rockers/Paddles

MATERIAL SPECIFICATIONS:

Terminal Seal Epoxy (standard)
 Process Sealing Seals will withstand wave soldering and various subsequent cleaning operations.
 Contact/Terminals Gold/gold flash over tin/lead
 Silver/tin lead
 Case Material Thermoplastic
 Actuator Material Polyamide

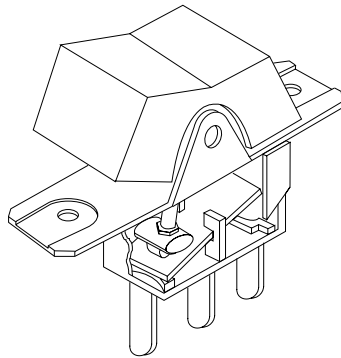
ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature -4°F to +185°F (-20°C to +85°C)
 Storage Temperature -49°F to +212°F (-45°C to +100°C)
 Meets MIL-STD-202, method 112C, Test Condition A & D 85°C.

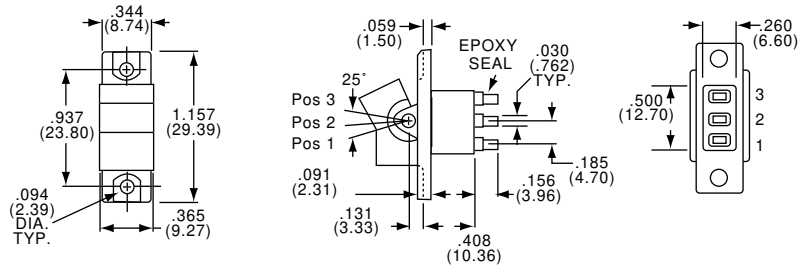
TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating Silver: 2 A @ 250 VAC, 5 A @ 125 VAC
 Gold: 0.4 VA @ 20 VDC max.
 Contact Resistance 30 Milliohms max. initial
 Insulation Resistance 1,000 Megohms min. @ 500 VDC.
 Dielectric Strength 1,000 Volts RMS @ sea level initial
 Static Withstanding 15KV Per IEC 801-2.
 Electrical Life 30,000 Cycles
 Actuator Travel 25°
 Contact Timing Break before make

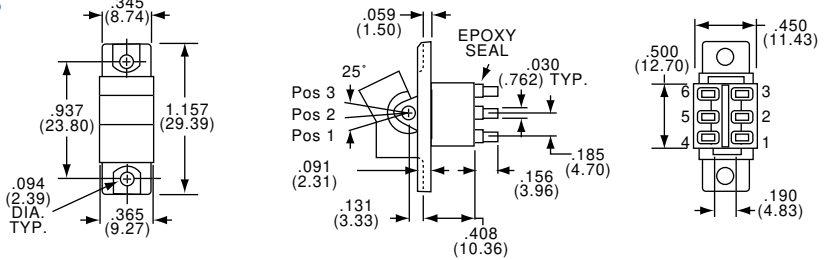
DESIGN



SP



DP



PART NUMBERING

Model	Function	Actuator	Terminal	Contact	Actuator Color	Option
AE1 Single Pole		Rocker	Z Wire Lug	B Gold	0 Black (Std.)	UL (Q or G) contacts only
AE2 Double Pole		J1 Standard	A Right Angle	Q Silver	1 Brown	
01 On-On		J50 Small	AV2 Vert. Right Angle	G Gold over Silver	2 Red	
03 On-Off-On		Paddle	C Printed Circuit		3 Orange	
05 (On)-Off-(On)		J2 Standard	V5 Vertical Right Angle		4 Yellow	
07 On-Off-(On)		J60 Small	V3 V3 Vertical Support Bracket		5 Green	
08 On-(On)			W W1 W3 W4 W5 Wire Wrap		6 Blue	
11 On-On-On			Z3 Quick Connect		8 Gray	
13 On-On-(On)					9 White	
15 (On)-On-(On)						

U.L. Available upon request

OPTIONAL:

UL recognized under the Component Program Underwriters Laboratories Inc. File #E46765
 CSA Certified File #LR65901

See pages M2-M4 for application specific indexing.

"AE" Series Washable Rockers/Paddles The Gemini Series

FUNCTIONS

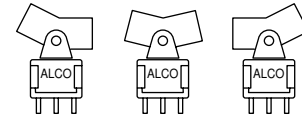
The following functions available in SP or DP.

- 01** 2 Positions None indicates no mechanical position
- 03** 3 Positions
- 05** 3 Positions Off indicates a mechanical position with no electrical connection.
- 07** 3 Positions
- 08** 2 Positions (On) indicates momentary action.

SPDT, connect terminals:

DPDT, connect terminals:

- 11** 3 Positions
- 13** 3 Positions
- 15** 3 Positions



On None On

On Off On

(On) Off (On)

(On) Off On

(On) None On

1—2 — 2—3

1—2 — 2—3
4—5 — 5—6

On On On

(On) On On

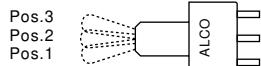
(On) On (On)

1—2 2—3 2—3
4—5 4—5 5—6

Functions available in DP only: Connect terminals:

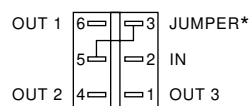
SP3T Available in DP Format Only

Wiring Diagrams for Functions



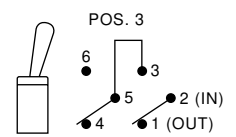
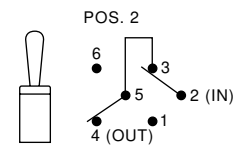
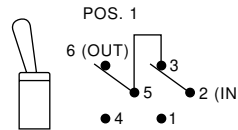
11 **13** **15**

SINGLE POLE 3 POSITION

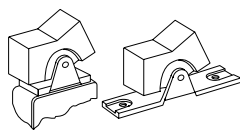


SP3T function achieved with external jumpers.

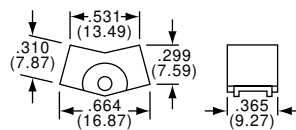
* Installed by Customer



J1 Rocker

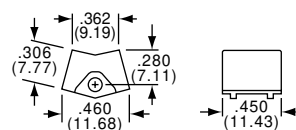


Use beveled frame B200 for enhancement (Pg. E12) when ordering with terminations other than C or Z.



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

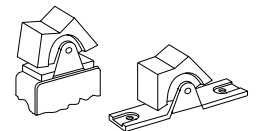
Use beveled frame B100 for enhancement (Pg. E12) when ordering with terminations other than C or Z.



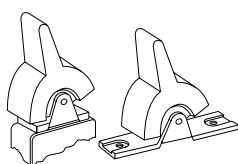
Unless otherwise specified by terminal type, the panel mounting bracket will be supplied.

ACTUATORS

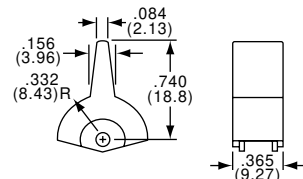
J50 Rocker



J2 Paddle

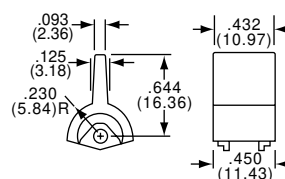


Use beveled frame B100 for enhancement (Pg. E12) when ordering with terminations other than C or Z.



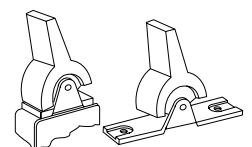
Unless otherwise specified by terminal type, the panel mounting bracket will be supplied.

Use beveled frame B200 for enhancement (Pg. E12) when ordering with terminations other than C or Z.



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

J60 Paddle



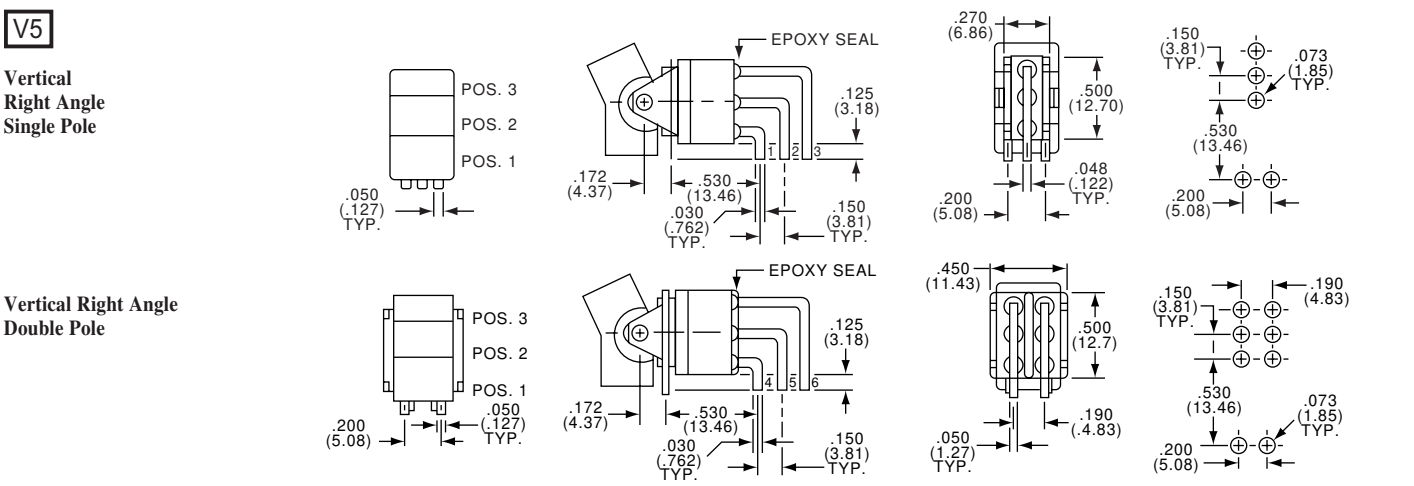
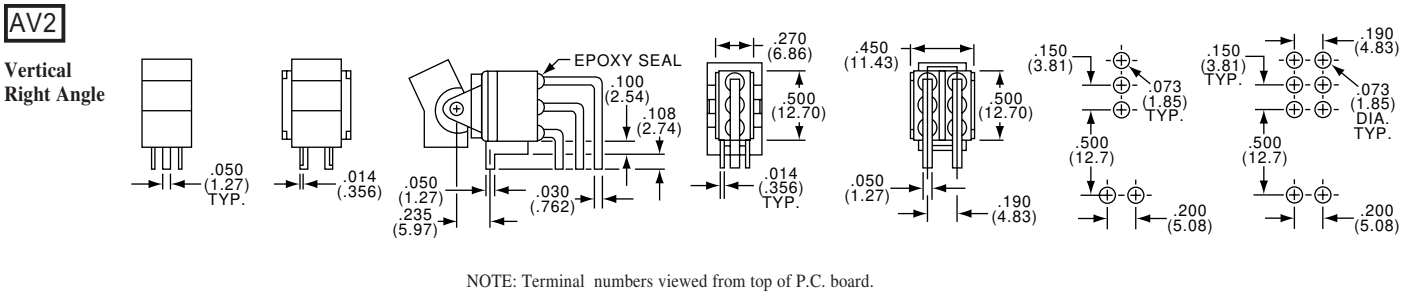
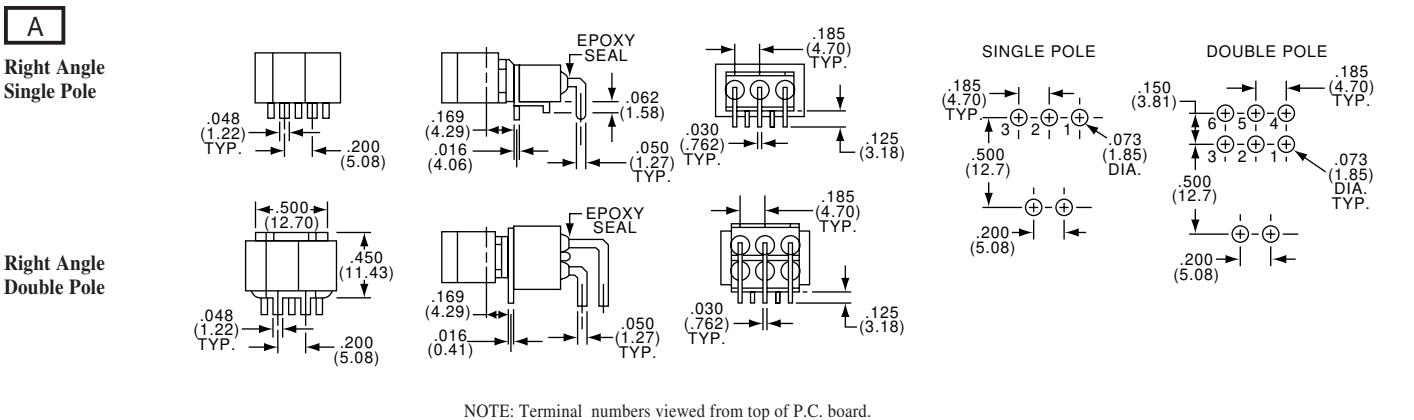
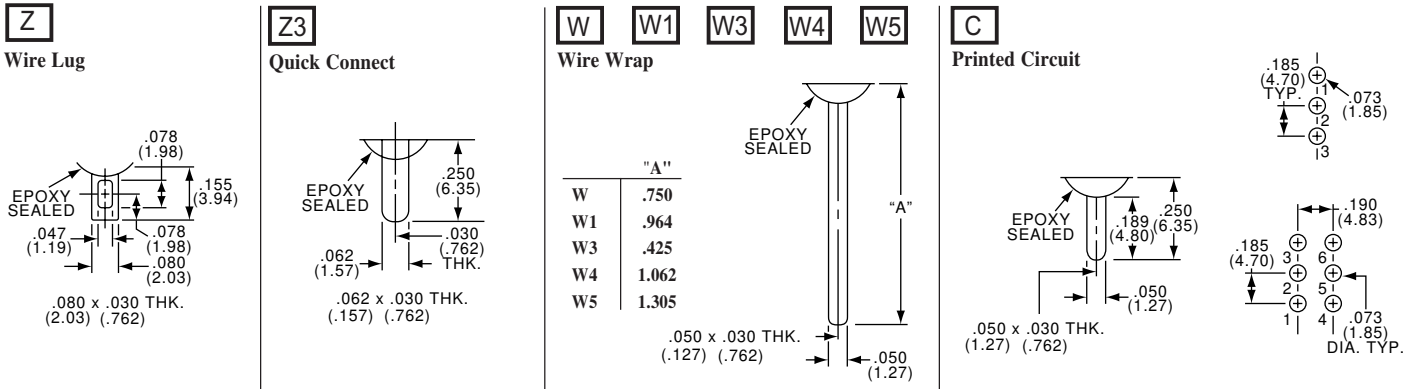
Need more technical information?

Consult your local Augat sales office listed on the back cover

AUGAT Inc.
452 John L. Dietsch Blvd.
Attleboro Falls, MA 02763 USA
(508) 699-9800 FAX (800) 533-2526

The Gemini Series "AE" Series Washable Rockers/Paddles

TERMINALS

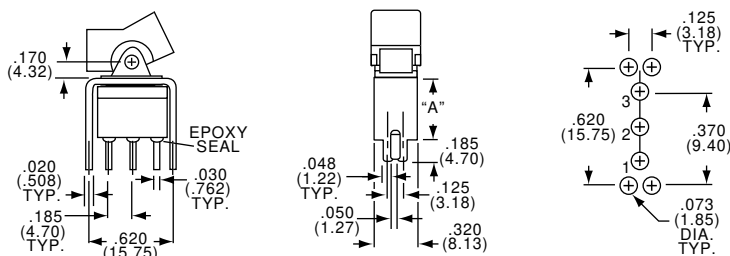


"AE" Series Washable Rockers/Paddles The Gemini Series

V3 V4 V9

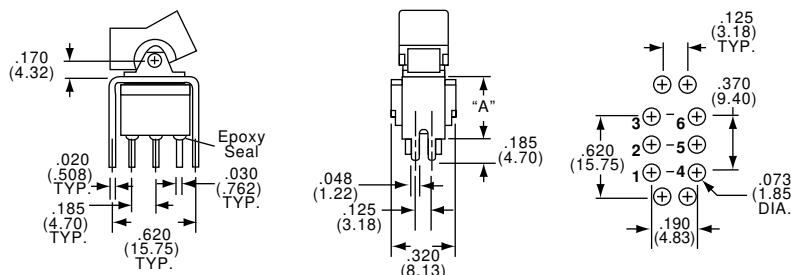
Vertical Support Bracket
Single Pole

Option Code	Dim. "A"
V3	.460 (11.68)
V4	.630 (16.00)
V9	1.150 (29.21)



Vertical Support Bracket
Double Pole

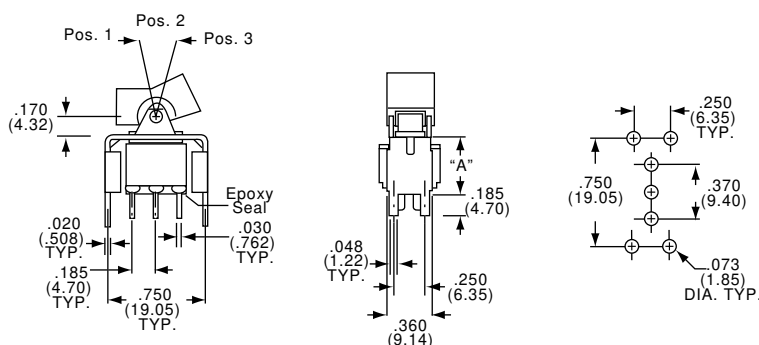
Option Code	Dim. "A"
V3	.460 (11.68)
V4	.630 (16.00)
V9	1.150 (29.21)



V6 V7 V8

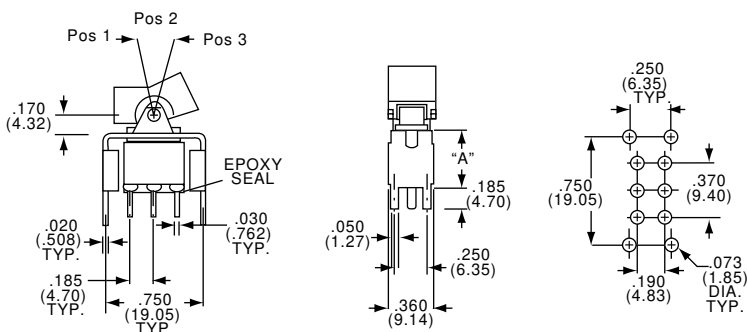
Vertical Support Bracket
Single Pole

Option Code	Dim. "A"
V6	.460 (11.68)
V7	.630 (16.00)
V8	.953 (24.21)



Vertical Support Bracket
Double Pole

Option Code	Dim. "A"
V6	.460 (11.68)
V7	.630 (16.00)
V8	.953 (24.21)



CONTACTS

B CONTACTS: Copper alloy with gold 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: Copper alloy with tin/lead plate.

ELECTRICAL RATING: 5 amps @ 125 VAC, 2 amps @ 250 VAC, 5 amps @ 28 VDC.

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

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

TERMINALS: Copper alloy with gold plate.
ELECTRICAL RATING: 0.4 VA @ 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)

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E21

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