

Potentiometers

Molded composition



February 2021:
**Select parts have
been discontinued.**
Please refer to the
ordering information below.

Ohmite molded composition potentiometers are available in various models for applications in military devices, industrial equipment and in equipment requiring a convenient resistance control device.

FEATURES

- Low noise, smooth operation
- In accordance with "Mil" RV4N, RV4L, RV6L, RV6N, 2RV7N types
- RoHS compliant; non-RoHS version unavailable.



SERIES SPECIFICATIONS

Model	Watts	Ohmic range	Behind panel (in./mm)	Diameter (in./mm)	Rotation	Voltage (RMS)
AS	0.5	50-5M	0.703/17.9	0.50/12.7	295° ±5°	350
ASM	0.5	50-5M	0.703/17.9	0.50/12.7	295° ±5°	350
CA	2.0	50-5M	0.625/15.9	1.16/29.4	312° ±3°	500
CB	2.0	50-5M	0.625/15.9	1.16/29.4	312° ±3°	500
CU	2.0	50-5M	0.625/15.9	1.16/29.4	312° ±3°	500
CCU	2.0	50-5M	1.266/32.1	1.16/29.4	312° ±3°	500
CLU	2.0	50-5M	0.625/15.9	1.16/29.4	312° ±3°	500
CMU	2.0	50-5M	0.625/15.9	1.16/29.4	312° ±3°	500

CHARACTERISTICS

Derating linear from 100% at +70°C to 0% at +120°C

Operating temp. range -55°C to 120°C

Construction Elements molded into a single, integral structure. Metal cover protects and shields the internal parts.

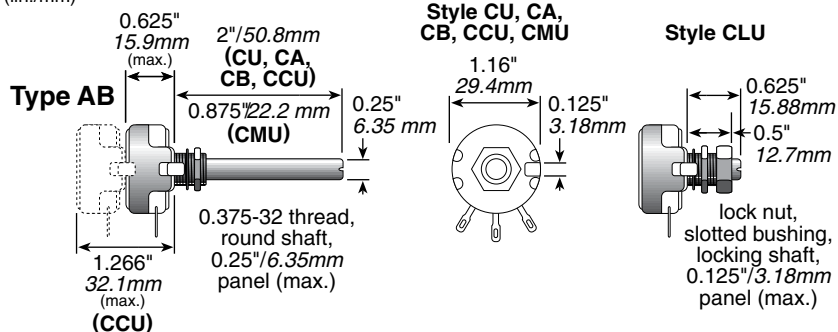
Sealing synthetic resin containing non-mercurial fungicide

Product life Since all rheostats/potentiometers are electro-mechanical devices, they are subject to mechanical wear and, therefore, have a finite life.

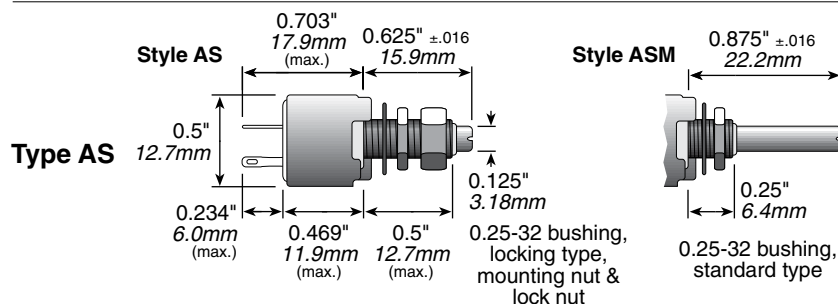
(continued)

Molded composition

(iiin./mm)



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Ohmic value	MIL Designation			Linear		Linear		CW log		CCW log		Linear		Linear Dual*		Linear					
	Prefix	Suffix	Part No.	RV4NAYSJ		RV4NAYSJ		RV4NAYSJ		RV4NAYSJ		RV4LAYSJ		2RV7NYSJ		RV6LAYSJ					
				CMU	CU	CA	CB	CLU	CCU												
50	—500A	—500I	✗	✗				✗													
100	—101A	—101I	✓	✓				✗		✗	AS3601E	✗	ASM6661E								
150	—151A	—151I	✗	✗				✗													
250	—251A	—251I	✗	✓				✗		✗	AS3602E	✗	ASM6662E								
350	—351A	—351I	✗	✗				✗													
500	—501A	—501I	✗	✗	✓			✗		✗	AS3603E	✗	ASM6663E								
750	—751A	—751I	✗	✗				✗													
1,000	—102A	—102I	✓	✓				✗		✗	AS3604E	✗	ASM6664E								
1,500	—152A	—152I	✓	✗				✓													
2,500	—252A	—252I	✓	✓				✓		✗	AS3605E	✗	ASM6665E								
3,500	—352A	—352I	✗	✗				✗													
5,000	—502A	—502I	✓	✓				✓		✗	AS3606E	✗	ASM6666E								
7,500	—752A	—752I	✗	✗				✗													
10,000	—103A	—103I	✓	✓			✓	✓	✓	✗	AS3607E	✓	ASM6667E								
15,000	—153A	—153I	✗	✗				✗													
25,000	—253A	—253I	✓	✓			✓	✓	✗	✗	AS3608E	✗	ASM6668E								
35,000	—353A	—353I	✓	✗				✓													

✓ = Standard values; check availability

✗ = Discontinued

* add “-E” for RoHS-compliant lead-free zinc-nickel plated product

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Ohmite:

[CMU2511](#) [66475-50](#) [59640-150](#) [CA1041](#) [CU5021](#) [CCU5031](#) [CLU1052](#) [CLU1011](#) [CMU3531](#) [CMU5031](#)
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[AS3607E](#) [AS3608E](#) [AS3609E](#) [AS3610E](#) [AS3611E](#) [AS3612E](#) [AS3613E](#) [AS3614E](#) [AS3615E](#) [AS3684E](#) [ASM6661E](#)
[ASM6662E](#) [ASM6664E](#) [ASM6665E](#) [ASM6666E](#) [ASM6667E](#) [ASM6668E](#) [ASM6669E](#) [ASM6670E](#) [ASM6671E](#)
[ASM6672E](#) [ASM6673E](#) [ASM6674E](#) [ASM6675E](#) [ASM6676E](#) [CA1041E](#) [CCU1031E](#) [CCU1041E](#) [CCU1052E](#)
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[CLU1541E](#) [CLU1552E](#) [CLU2052E](#) [CLU2511E](#) [CLU2521E](#) [CLU2531E](#) [CLU2541E](#) [CLU2552E](#) [CLU3511E](#)
[CLU3521E](#) [CLU3531E](#) [CLU3541E](#) [CLU3552E](#) [CLU5001E](#) [CLU5011E](#) [CLU5021E](#) [CLU5031E](#) [CLU5041E](#)
[CLU5052E](#) [CLU7511E](#) [CLU7521E](#) [CLU7531E](#) [CLU7542E](#) [CMU1011E](#) [CMU1021E](#) [CMU1031E](#) [CMU1041E](#)
[CMU1052E](#) [CMU1511E](#) [CMU1521E](#) [CMU1531E](#) [CMU1541E](#) [CMU1552E](#) [CMU2052E](#) [CMU2521E](#) [CMU2531E](#)
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