

Potentiometers

Molded composition



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.

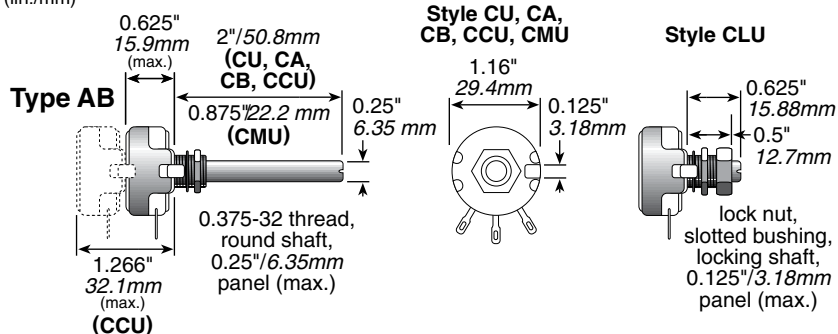
Sealing synthetic resin containing non-mercurial fungicide

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

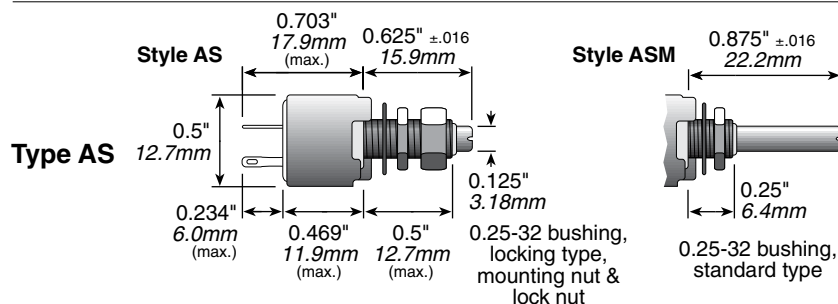
(continued)

Molded composition

(iiin./mm)



Model	Watts	Behind panel	Diameter	Rotation
AS	0.5	0.703/17.9	0.50/12.7	295° ±5°
ASM	0.5	0.703/17.9	0.50/12.7	295° ±5°
CA	2.0	0.625/15.9	1.16/29.4	312° ±3°
CB	2.0	0.625/15.9	1.16/29.4	312° ±3°
CU	2.0	0.625/15.9	1.16/29.4	312° ±3°
CCU	2.0	1.266/32.1	1.16/29.4	312° ±3°
CLU	2.0	0.625/15.9	1.16/29.4	312° ±3°
CMU	2.0	0.625/15.9	1.16/29.4	312° ±3°



Ohmic value	MIL Designation			Linear		Linear		CW log		CCW log		Linear		Linear Dual*		Linear		Linear															
	Prefix			CMU	CU	CA	CB	CLU	CCU																								
	Suffix																																
Part No.			Prefix		Suffix																												
50	—500A	—500I	✓	✓				✓				✓	AS3601E	✓	ASM6661E																		
100	—101A	—101I	✓	✓																													
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	✓	✓				✓																									

50,000

75,000

100,000

150,000

250,000

350,000

500,000

750,000

1,000,000

1,500,000

2,000,000

2,500,000

3,500,000

5,000,000

✓ = Standard values; check availability

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

Ohmic value	MIL Designation			Linear		Linear		CW log		CCW log		Linear		Linear Dual*		Linear		Linear															
	Prefix			CMU	CU	CA	CB	CLU	CCU																								
	Suffix																																
Part No.			Prefix		Suffix																												
50,000	—503A	—503I	✓	✓			✓	✓	✓			✓	AS3609E	✓	ASM6669E																		

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](#)
[CMU2511E](#) [CMU3531E](#) [ASM6663E](#) [CMU2052](#) [AS3601E](#) [AS3602E](#) [AS3603E](#) [AS3604E](#) [AS3605E](#) [AS3606E](#)
[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](#)
[CCU2531E](#) [CCU2541E](#) [CCU5041E](#) [CLU1021E](#) [CLU1031E](#) [CLU1041E](#) [CLU1511E](#) [CLU1521E](#) [CLU1531E](#)
[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](#)
[CMU2541E](#) [CMU2552E](#) [CMU3511E](#) [CMU3521E](#) [CMU3541E](#) [CMU3552E](#)