

Bulletin 800H / 800T Potentiometers Using JA1N Potentiometer Elements

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Question

- Where can I find a listing of 800H / 800T potentiometer units supplied with Allen-Bradley electronics division potentiometer elements, part numbers starting with JA1N (JAIN)?
- What are the ohm resistance, taper, watts, degrees of turn and other specifications for these units?
- Are the 800H / 800T potentiometer operators and elements discontinued or obsolete?

Answer

See the list below. Some 800H / 800T potentiometers are no longer available for sale.

The potentiometer specifications are:

- Single turn operation with 312 degree rotation
- Shaft length of 7/8 in. (22.2 mm) and a shaft diameter of 1/4 in. (6.3 mm).
- 2 Watt at 300V AC or DC
- hot molded carbon element with Resistance Tapers of linear, logarithmic or reverse logarithmic

Contact the following companies to obtain the potentiometer only element, if a Rockwell Automation part number is not available: Precision Electronics Corporation, Honeywell/Clarostat, Ohmite. They offer an equivalent potentiometer element based on the original Allen-Bradley potentiometer part number supplied with the complete Allen-Bradley potentiometer operator assembly. Allen-Bradley part numbers with JA1N056, JS, or J.

800H NEMA 7/9 Catalog Number	800H NEMA 4/4X Catalog Number	800T NEMA 4/13 Catalog Number	RA Product Status	Resistance Value in Ohms	Potentiometer Taper	Original Potentiometer Element Number	RA Repair Part Number for Potentiometer
800H-UP1	800H-UR1	800T-U1	Discontinued	50	Linear	JA1N056S500UA	None Available
800H-UP4	800H-UR4	800T-U4	Active	150	Linear	JA1N056S151UA	24752-221-03
800H-UP6	800H-UR6	800T-U6	Discontinued	250	Linear	JA1N056S251UA	None Available
800H-UP8	800H-UR8	800T-U8	Discontinued	300	Linear	JA1N056S301UA	None Available
800H-UP12	800H-UR12	800T-U12	Active	500	Linear	JA1N056S501A	24752-221-05
800H-UP13	800H-UR13	800T-U13	Active	1K	Linear	JA1N056S102UA	24752-221-06
800H-UP14	800H-UR14	800T-U14	Discontinued	1K	CW Modified Logarithmic	JA1N056S102AA	None Available
800H-UP16	800H-UR16	800T-U16	Active	1.5K	Linear	JA1N056S152UA	24752-221-07
800H-UP18	800H-UR18	800T-U18	Discontinued	2K	Linear	JA1N056S202UA	None Available
800H-UP19	800H-UR19	800T-U19	Active	2.5K	Linear	JA1N056S252UA	24752-221-08
800H-UP20	800H-UR20	800T-U20	Discontinued	3K	Linear	JA1N056S302UA	None Available
800H-UP24	800H-UR24	800T-U24	Active	5K	Linear	JA1N056S502UA	24752-221-10
800H-UP25	800H-UR25	800T-U25	Discontinued	6K	Linear	JA1N056S602UA	None Available
800H-UP27	800H-UR27	800T-U27	Discontinued	8K	Linear	JA1N056S802UA	None Available
800H-UP29	800H-UR29	800T-U29	Active	10K	Linear	JA1N056S103UA	24752-221-12
800H-UP31	800H-UR31	800T-U31	Discontinued	10k	CW Exact Logarithmic	JA1N056S103DA	None Available
800H-UP34	800H-UR34	800T-U34	Active	15K	Linear	JA1N056S153UA	24752-221-13
800H-UP35	800H-UR35	800T-U35	Discontinued	20K	Linear	JA1N056S203UA	None Available
800H-UP37	800H-UR37	800T-U37	Active	25K	Linear	JA1N056S253UA	24752-221-15
800H-UP39	800H-UR39	800T-U39	Discontinued	30K	Linear	JA1N056S303UA	None Available
800H-UP40	800H-UR40	800T-U40	Discontinued	40K	Linear	JA1N056S403UA	None Available
800H-UP41	800H-UR41	800T-U41	Active	50K	Linear	JA1N056S503UA	24752-221-17
800H-UP42	800H-UR42	800T-U42	Discontinued	50K	CW Modified Logarithmic	JA1N056S503AA	None Available
800H-UP45	800H-UR45	800T-U45	Discontinued	60K	Linear	JA1N056S603UA	None Available

800H-UP46	800H-UR46	800T-U46	Active	75K	Linear	JA1N056S753UA	24752-221-19
800H-UP47	800H-UR47	800T-U47	Discontinued	80K	Linear	JA1N056S803UA	None Available
800H-UP49	800H-UR49	800T-U49	Active	100K	Linear	JA1N056S104UA	24752-221-21
800H-UP50	800H-UR50	800T-U50	Active	150K	Linear	JA1N056S154UA	24752-221-22
800H-UP51	800H-UR51	800T-U51	Active	200K	Linear	JA1N056S204UA	24752-221-23
800H-UP52	800H-UR52	800T-U52	Discontinued	250K	Linear	JA1N056S254UA	None Available
800H-UP54	800H-UR54	800T-U54	Active	400K	Linear	JA1N056S404UA	24752-221-25
800H-UP55	800H-UR55	800T-U55	Active	500K	Linear	JA1N056S504UA	24752-221-26
800H-UP56	800H-UR56	800T-U56	Active	800K	Linear	JA1N056S804UA	24752-221-27
800H-UP57	800H-UR57	800T-U57	Active	1 Meg	Linear	JA1N056S105UA	24752-221-28
800H-UP59	800H-UR59	800T-U59	Active	2 Meg	Linear	JA1N056S205UA	24752-221-29
800H-UP62	800H-UR62	800T-U62	Active	3 Meg	Linear	JA1N056S305UA	24752-221-30
800H-UP64	800H-UR64	800T-U64	Active	4 Meg	Linear	JA1N056S405UA	24752-221-31
800H-UP66	800H-UR66	800T-U66	Discontinued	5 Meg	Linear	JA1N056S505UA	None Available
800H-UP68	800H-UR68	800T-U68	Discontinued	6 Meg	Linear	J99097	None Available
800H-UP69	800H-UR69	800T-U69	Discontinued	7 Meg	Linear	J99098	None Available
800H-UP70	800H-UR70	800T-U70	Discontinued	8 Meg	Linear	J99099	None Available
800H-UP71	800H-UR71	800T-U71	Discontinued	9 Meg	Linear	J99100	None Available
800H-UP72	800H-UR72	800T-U72	Discontinued	10 Meg	Linear	J99101	None Available
800H-UP73	800H-UR73	800T-U73	Discontinued	5K	CW Modified Logarithmic	JA1N056S502AA	None Available
800H-UP75	800H-UR75	800T-U75	Discontinued	750	Linear	JA1N056S751UA	None Available
800H-UP80	800H-UR80	800T-U80	Discontinued	10K	CCW Exact Logarithmic	J98553A	None Available
800H-UP90	800H-UR90	800T-U90	Active	400K	Modified Linear to 102 degrees, linear from 103 to 312 degrees	J99102A	24752-221-38
Unknown	Unknown	Unknown	Discontinued	1K	CW Modified Logarithmic	JA1N056S102AA	None Available
800H-UP91	800H-UR91	800T-U91	Active	10K	CCW Modified Logarithmic Modified Linear to 102 degrees, linear from 103 to 312 degrees	JA1N056S103BA	24752-221-46
800H-UP92	800H-UR92	800T-U92	Discontinued	500K	CW Modified Logarithmic	JA1N056S504AA	None Available
800H-UP93	800H-UR93	800T-U93	Discontinued	2.5K	Modified Linear	JA1N056S252SA	None Available
800H-UP94	800H-UR94	800T-U94	Discontinued	800K	CCW Modified Logarithmic	JA1N056S804BA	None Available
800H-UP95	800H-UR95	800T-U95	Discontinued	5K	CW Exact Logarithmic	JA1N056S502DA	None Available
800H-UP96	800H-UR96	800T-U96	Discontinued	2 Meg	CW Exact Logarithmic	JA1N056S205DA	None Available
800H-UP97	800H-UR97	800T-U97	Discontinued	2.5 Meg	CW Exact Logarithmic	JA1N056S255DA	None Available
800H-UP98	800H-UR98	800T-U98	Discontinued	500	CCW Modified Logarithmic	JA1N056S501BA	None Available
800H-UP99	800H-UR99	800T-U99	Discontinued	750K	CCW Modified Logarithmic	JA1N056S754BA	None Available
800H-UP100	800H-UR100	800T-U100	Discontinued	2.5K	CW Modified Logarithmic	JA1N056S252AA	None Available
800H-UP101	800H-UR101	800T-U101	Discontinued	100K	CW Exact Logarithmic	JA1N056S104DA	None Available
Unknown	Unknown	UAA2 2139	Discontinued	5K	Linear with SPST Switch	JS1N056S502UA	None Available
Unknown	Unknown	UAA2 22144	Discontinued	1K	Linear with SPST Switch	JS1N056S102UA	None Available
Unknown	Unknown	UAA2 22153	Discontinued	2.5K	Linear with SPST Switch	JS1N056S252UA	None Available
Unknown	Unknown	Unknown	Discontinued	680K	Linear	JA1N056S684UA	None Available
Unknown	Unknown	Unknown	Discontinued	1.7 Meg	Linear	JA1N056S175UA	None Available
Unknown	Unknown	Unknown	Discontinued	3.2 Meg	Linear	JA1N056S325UA	None Available
Unknown	Unknown	Unknown	Discontinued	750K	Linear	JA1N056S754UA	None Available
Unknown	Unknown	Unknown	Discontinued	3.5 Meg	Linear	JA1N056S355UA	None Available

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