

Bulletin 1497 Control Circuit Transformer Kits
Used with Bulletin 500 Line Combination Starters Series One
and Bulletin 1232X-1233X Pump Panels Series One

Control Circuit Transformer Part Numbers

Each kit contains a two pole primary and one-pole secondary top mounted fuse block. Fuses are not included.

Xfmr Catalog No. Modification Code	NEMA Starter Size	Transformer VA Rating	Transformer Primary Voltage	Transformer Secondary Voltage	Catalog No. Coil Code	Control Circuit Transformer Kit Part Number
6P	00	63	208	24	HJ	1497-A-HXJX-3N
6P	00	63	208	120	H	1497-A-HXDX-3N
6P	00	63	240/480	24	AJ/BJ	1497-A-BAJK-3N
6P	00	63	240/480	120	A/B	1497-A-BASX-3N
6P	00	63	600	24	CJ	1497-A-CXJK-3N
6P	00	63	600	120	C	1497-A-CXSX-3N
6P	0 - 2	80	208	24	HJ	1497-B-HXJX-3N
6P	0 - 2	80	208	120	H	1497-B-HXDX-3N
6P	0 - 2	80	240/480	24	AJ/BJ	1497-B-BAJK-3N
6P	0 - 2	80	240/480	120	A/B	1497-B-BASX-3N
6P	0 - 2	80	600	24	CJ	1497-B-CXJK-3N
6P	0 - 2	80	600	120	C	1497-B-CXSX-3N
6XP	0 - 2	130	208	24	HJ	1497-C-HXJX-3N
6XP	0 - 2	130	208	120	H	1497-C-HXDX-3N
6XP	0 - 2	130	240/480	24	AJ/BJ	1497-C-CAJK-3N
6XP	0 - 2	130	240/480	120	A/B	1497-C-CASX-3N
6XP	0 - 2	130	600	24	CJ	1497-C-CXJK-3N
6XP	0 - 2	130	600	120	C	1497-C-CXSX-3N
6YP	0 - 2	250	208	24	HJ	1497-E-HXJX-3N
6YP	0 - 2	250	208	120	H	1497-E-HXDX-3N
6YP	0 - 2	250	240/480	24	AJ/BJ	1497-E-BAJK-3N
6YP	0 - 2	250	240/480	120	A/B	1497-E-BASX-3N
6YP	0 - 2	250	600	24	CJ	1497-E-CXJK-3N
6YP	0 - 2	250	600	120	C	1497-E-CXSX-3N
6P	3	200	208	24	HJ	1497-D-HXJX-3N
6P	3	200	208	120	H	1497-D-HXDX-3N
6P	3	200	240/480	24	AJ/BJ	1497-D-BAJK-3N
6P	3	200	240/480	120	A/B	1497-D-BASX-3N
6P	3	200	600	24	CJ	1497-D-CXJK-3N
6P	3	200	600	120	C	1497-D-CXSX-3N
6XP	3	250	208	24	HJ	1497-E-HXJX-3N
6XP	3	250	208	120	H	1497-E-HXDX-3N
6XP	3	250	240/480	24	AJ/BJ	1497-E-BAJK-3N
6XP	3	250	240/480	120	A/B	1497-E-BASX-3N
6XP	3	250	600	24	CJ	1497-E-CXJK-3N
6XP	3	250	600	120	C	1497-E-CXSX-3N
6YP	3	350	208	24	HJ	1497-F-HXJX-3N
6YP	3	350	208	120	H	1497-F-HXDX-3N
6YP	3	350	240/480	24	AJ/BJ	1497-F-BAJK-3N
6YP	3	350	240/480	120	A/B	1497-F-BASX-3N
6YP	3	350	600	24	CJ	1497-F-CXJK-3N
6YP	3	350	600	120	C	1497-F-CXSX-3N
6P	4	250	208	24	HJ	1497-E-HXJX-3N
6P	4	250	208	120	H	1497-E-HXDX-3N
6P	4	250	240/480	24	AJ/BJ	1497-E-BAJK-3N
6P	4	250	240/480	120	A/B	1497-E-BASX-3N
6P	4	250	600	24	CJ	1497-E-CXJK-3N
6P	4	250	600	120	C	1497-E-CXSX-3N
6XP	4	350	208	24	HJ	1497-F-HXJX-3N
6XP	4	350	208	120	H	1497-F-HXDX-3N
6XP	4	350	240/480	24	AJ/BJ	1497-F-BAJK-3N
6XP	4	350	240/480	120	A/B	1497-F-BASX-3N
6XP	4	350	600	24	CJ	1497-F-CXJK-3N
6XP	4	350	600	120	C	1497-F-CXSX-3N

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Control Circuit Transformer Part Numbers

Xfmr Catalog No. Modification Code	NEMA Starter Size	Transformer VA Rating	Transformer Primary Voltage	Transformer Secondary Voltage	Catalog No. Coil Code	Control Circuit Transformer Kit Part Number
6YP	4	500	208	24	HJ	1497-G-HXJX-3N
6YP	4	500	208	120	H	1497-G-HXDX-3N
6YP	4	500	240/480	24	AJ/BJ	1497-G-BAJK-3N
6YP	4	500	240/480	120	A/B	1497-G-BASX-3N
6YP	4	500	600	24	CJ	1497-G-CXJK-3N
6YP	4	500	600	120	C	1497-G-CXSX-3N

Fuse Selection for Control Circuit Transformers

Transformers require proper fusing on the primary and secondary in order to comply with the National Electric Code. The fuse block which houses the primary and secondary fuses, mounted on top of the transformer, is not available as a repair part.

Primary Fusing

Two primary fuses and one secondary fuse must be supplied by the customer in accordance with the chart listed below. The fuse block can accommodate Class CC time-delay fuses offered by the following manufacturers:

Bussman FNQ-R, Ferraz Shawmut ATQR, Littelfuse KLDR. Allen-Bradley part numbers are also listed below.

Xfmr VA Rating	208V Xfmr Primary Voltage		240V Xfmr Primary Voltage		480V Xfmr Primary Voltage		600V Xfmr Primary Voltage	
	Fuse Rating	A-B Fuse Part Number	Fuse Rating	A-B Fuse Part Number	Fuse Rating	A-B Fuse Part Number	Fuse Rating	A-B Fuse Part Number
63	0.75	25183-272-11	0.5	25183-272-13	0.3	25183-272-07	0.25	25183-272-06
80	1.5	25183-272-17	1.5	25183-272-17	0.75	25183-272-11	0.5	25183-272-09
130	3	25183-272-24	2.5	25183-272-22	1.25	25183-272-15	1	25183-272-13
200	4	25183-272-27	4	25183-272-27	2	25183-272-20	1.5	25183-272-17
250	6	25183-272-31	5	25183-272-29	2.5	25183-272-22	2	25183-272-20
350	8	25183-272-36	7	25183-272-33	3	25183-272-24	2.5	25183-272-22
500	6	25183-272-31	5	25183-272-29	5	25183-272-29	4	25183-272-27

Secondary Fusing

A 250V time-delay fuse is recommended.

The secondary fuse is offered by the following manufacturers: Bussman FNM, Ferraz-Shawmut TRM, Littelfuse FLM. Allen-Bradley part numbers are also listed below.

Xfmr VA Rating	120V Control Circuit (Xfmr secondary voltage)	A-B Fuse Part Number	24V Control Circuit (Xfmr secondary voltage)	Allen-Bradley Fuse Part Number
	Maximum Secondary Fuse Ampere Rating		Maximum Secondary Fuse Ampere Rating	
63	0.75	Not Available	4	25183-170-22
80	1	X-276126	5	X-276123
130	1.8	X-276132	9	25183-170-30
200	2.5	X-276128	13	Not Available
250	3.2	X-276122	15	25183-170-33
350	4.5	25183-170-23	20	25183-170-35
500	6.25	X-276129	30	25183-170-37