IGNITRONS High efficiency, rugged construction, for WELDER CONTROL SERVICE.

TYPE NO.	R.M.S. Volts Range	Max. KVA Demand & Corresponding Average Current		Max. Average Current & Corresponding KVA Demand		Type Cooling
		K.V.A.	Amps	K.V.A.	Amps	
5554/679	2400	1200	75.0	600	113	Water
5555/653B	2400	2400	135.0	1105	207	Water
5822	220-600	424	20	188	70	Water

High efficiency, rugged construction, for CONTINUOUS RECTIFIER SERVICE.

TYPE NO.	Typical D.C. Output Voltage (v)	Max. Peak Inverse & Forward Voltage (v)	Max. Peak Anode Current (A)	Max. Continuous Average Anode Current (A)	Max. Average Current (A) 1 minute	Type Cooling
5554/679	300*	2100	900	100	200	Water
	600*	2100	600	75	150	
5555/653B	300*	2100	1800	200	400	Water
	600*	2100	1200	150	300	

*Six-phase, double Y, single way circuits.

IGNITRONS - THERMOSTATICALLY CONTROLLED ♀

TYPE NO.	R.M.S. Volts Range	Max. KVA Demand & Corresponding Average Current		Max. Average Current & Corresponding KVA Demand		Type Cooling
		K.V.A.	Amps	K.V.A.	Amps	
5551-A	250-600	600	30.2	200	56	Water
5552-A	250-600	1200	75.6	400	140	Water
5553-B	250-600	2400	192.0	800	355	Water

IGNITRONS - WITH INSULATED COATING ‡

TYPE NO.	Description	R.M.S. Volts Range	Max. KVA Demand & Corresponding Average Current		Max. Average Current & Corresponding KVA Demand		Type Cooling
			K.V.A.	Amps	K.V.A.	Amps	
5551A/P	Coated Thermostatically Controlled	250-600	600	30.2	200	56	Water
5552A/P	Coated Thermostatically Controlled	250-600	1200	75.6	400	140	Water
5553/P	Coated	250-600	2400	192.0	800	355	Water
5822/P	Coated	220-600	424	20	188	70	Water

‡ These ignitrons are partially insulated to reduce, as far as practicable, the possibility of accidental electric shock.

♀ These tubes are identical with the corresponding types 5551, 5552 and 5553 except that they are fitted with a "sensing" plate for adaption of a thermostat. They do not include the thermostat or thermostat mounting under these designations. If thermostatic control is required one of the following accessory groups should be ordered with each tube:

(A) AMPEREX "Water Saver" Thermostat Assembly, Cat. No. S-17024 (Consists of Thermostat No. C 4391-7-51, mounting clamp, terminal block and four sets of nuts, bolts and washers)

(B) AMPEREX "Overload Protection" Thermostat Assembly, Cat. No. S-17025. (Consists of Thermostat No. C 4391-7-52, mounting clamp, terminal block and four sets of nuts, bolts and washers)