

Water-cooled mercury-pool ignitron power switch for industrial welding and rectification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION00 IgnitronPowerSwitch

No fixed ratings recorded.

Mercury-pool ignitron power switch; peak voltage drop about 12 V; maximum average anode current 355 A in AC welder control service; minimum water flow 3 US gal/min; specialized Ignitron subtype retained for future reclassification.



SOURCE OPERATING CONDITIONS

SOURCE PDF

9999 Mixed H 1000

Published test conditions and operating points. Values on this page are preserved as reported by this source.

9999 MIXED H 1000
Section 0 · IgnitronPowerSwitch

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Average plate current	355 A	Maximum average anode current in specified AC welder-control service; not general rectifier average rating

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