



An Acuity Brands Company

T1905 LOW VOLTAGE TRANSFORMER

500 WATT

DESCRIPTION:

These 120 to 12 Volt stepdown transformers are two winding isolated type. Taps are provided to insure proper voltage when operated within allowable line loss limits. Two separate wiring compartments isolate primary and secondary leads. Housed in weatherproof enclosure. Meets requirements of article 680 N.E.C. Listed by U.L.

SPECIFICATIONS:

- CONSTRUCTION:** Heavy gauge steel Nema IV enclosure.
- TRANSFORMER:** 120 Volt primary circuit breaker. Secondary 12, 13 or 14 Volt.
- VOLTAGE:** 120/12, 13, 14
- WATTAGE:** 500
- TAPS:** 12, 13, and 14 Volt.

TAP SELECTION GUIDE*

This chart can be used as a rough guide for 300 watt lamp load at 120 volt primary.

CONDUCTOR LENGTH	CONDUCTOR SIZE		
	#6	#8	#10
10 FT.	12 V.	12 V.	12 V.
20 FT.	12 V.	12 V.	13 V.
30 FT.	12 V.	13 V.	13 V.
40 FT.	13 V.	13 V.	14 V.
50 FT.	13 V.	13 V.	14 V.
60 FT.	13 V.	14 V.	
70 FT.	13 V.	14 V.	
80 FT.	13 V.	14 V.	
90 FT.	14 V.		
100 FT.	14 V.		
110 FT.	14 V.		
120 FT.	14 V.		

*This table in no way suggests correct wire size for this application. Refer to local codes for correct wire usage.

TYPE	JOB NAME
PART NUMBER	
T 1 9 0 5	
APPROVALS	

Hydrel is an ISO 9001 Certified Manufacturer