



MOUNTING DETAIL

AN PART NO.	NOMINAL WATTS	OHMS	AMPERES AT		A MAX	WT LB MAX	DESIGN OPERATING LOAD OF TAPER WOUND RHEOSTATS
			MIN RESIST.	MAX RESIST.			
AN3155-25-10	25	10	1.95	0.30	1-7/8	0.40	10 EACH 3 V .195 AMP INSTRUMENT LAMPS OPERATING AT 3 V
(b) AN3155-25-11	25	11	1.25	1.25	1-7/8	0.40	
AN3155-25-15	25	15	1.30	1.30	1-7/8	0.40	
AN3155-25-25	25	25	1.00	1.00	1-7/8	0.40	
AN3155-25-50	25	50	0.71	0.71	1-7/8	0.40	
AN3155-25-75	25	75	0.58	0.58	1-7/8	0.40	
AN3155-25-100	25	100	0.85	0.16	1-7/8	0.40	3 EACH 2 CP., 12-16 VOLT LAMPS OPERATING AT 14.25 VOLTS.
AN3155-25-200	25	200	0.35	0.35	1-7/8	0.40	
AN3155-50-5	50	5	5.50	1.82	2-3/4	0.60	1 EACH 100 CP., 12-16 VOLT LAMP OPERATING AT 14.25 VOLTS.
(a) AN3155-50-8	50	8	2.50	2.50	2-3/4	0.60	
AN3155-50-10	50	10	2.50	1.60	2-3/4	0.60	1 EACH 100 CP., 28 VOLT LAMP OPERATING AT 28.5 VOLTS.
AN3155-50-25	50	25	2.70	0.70	2-3/4	0.60	1 EACH 21/21 CP., 12-16 VOLT LAMP WITH TWO FILAMENTS OPERATING AT 14.25 VOLTS.
(a) AN3155-50-30	50	30	1.70	0.90	2-3/4	0.60	1 EACH 24 VOLT SERIES MOTOR THAT REQUIRES 1.70 AMPS, MAX
AN3155-50-50	50	50	1.00	1.00	2-3/4	0.60	
AN3155-50-75	50	75	0.82	0.82	2-3/4	0.60	
AN3155-50-100	50	100	1.35	0.25	2-3/4	0.60	1 EACH 21/21 CP., 28 VOLT LAMP WITH TWO FILAMENTS OPERATING AT 28.5 VOLTS.
AN3155-50-150	50	150	0.69	0.17	2-3/4	0.60	1 EACH 21/21 CP., 28 VOLT LAMP WITH ONLY ONE FILAMENT OPERATING.
AN3155-50-200	50	200	1.35	0.15	2-3/4	0.60	1 EACH 21/21 CP., 28 VOLT LAMP WITH TWO FILAMENTS OPERATING AT 28.5 VOLTS.

(a) ROTATION CLOCKWISE INCREASES RESISTANCE. MINIMUM RESISTANCE OBTAINED WHEN THE RHEOSTAT IS TUNED ON FROM THE "OFF" POSITION.

(b) ROTATION CLOCKWISE INCREASES RESISTANCE. NO OFF POSITION. NINETY STEPS MINIMUM.

EXAMPLE OF AN PART NO.: AN3155-50-10 INDICATES A 50 WATT, 10 OHM RHEOSTAT.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS $\pm 3/64$

FOR ACCEPTABLE PRODUCTS, SEE ANA BULLETIN NO. 181.

PROCUREMENT
SPECIFICATION

AN-R-14

AIR FORCE-NAVY AERONAUTICAL STANDARD

RHEOSTAT-AIRCRAFT POWER

AN3155

SUPERSEDES MAP DRAWING 1099

APPROVED 12 APR 43 REVISED 1 23 FEB 44 2 24 FEB 45 3 12 SEP 45 4 17 MAY 47 5 2 FEB 48