

SYNCHRONOUS MOTOR UNITS

NOTE: REVISION INFORMATION MUST ALSO BE REFLECTED IN THE ISSUE CONTROL RECORD, WHICH IS A PART OF THIS DRAWING.

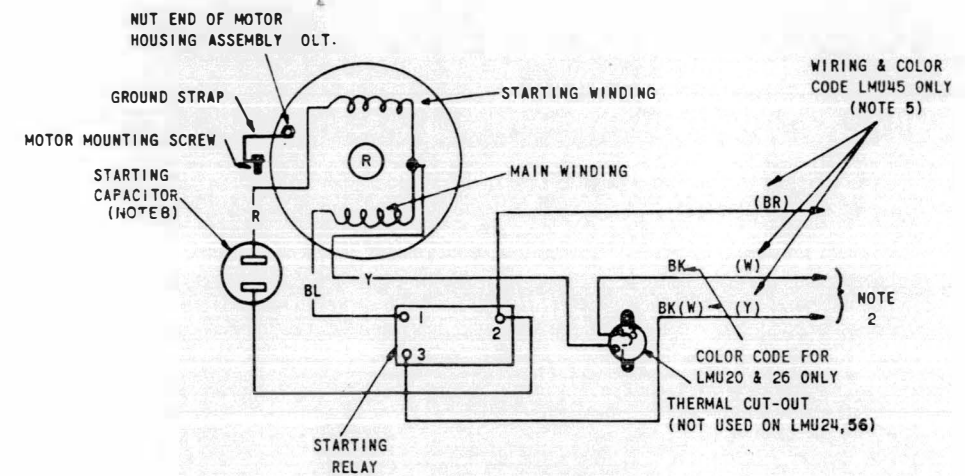
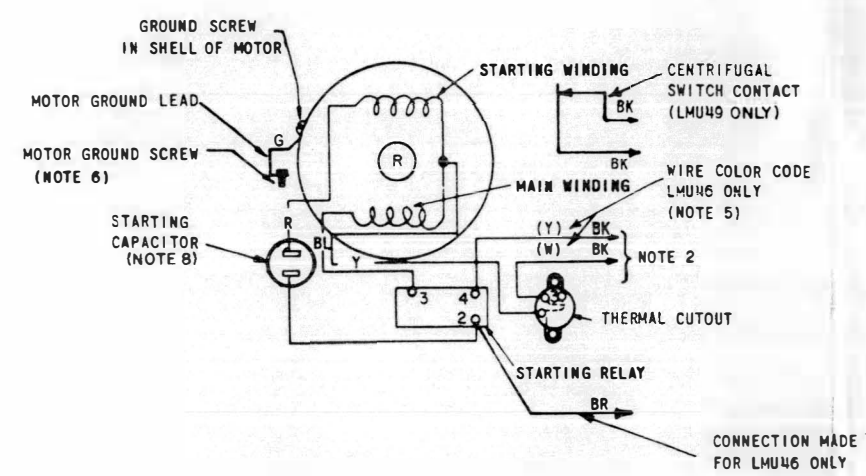
2900WD

REVISIONS

ISSUE	DATE	AUTH. NO.
L	2-15-60	28-12447
M	5-17-60	28-13280
N	5-27-60	28-13361
P	7-6-60	28-13494
Q	9-13-60	28-13899
R	12-14-60	28-14406
S	6-23-61	70255
T	8-8-61	70559
U	10-18-61	71471
V	11-30-61	71805
W	8-24-62	74285
X	9-20-62	74557
Y	11-29-62	75216
Z	4-15-63	76508
AA	4-15-63	76592
AB	5-16-63	76965
AC	5-28-63	76146
AD	8-22-63	77845
AE	1-13-64	79966
AF	1-24-64	79730-1
32	4-13-64	79730-2
33	5-22-64	82008
34	11-8-64	84364
35	3-4-65	82432
36	4-10-65	82432-1
37	9-22-65	82432-3
38	11-8-65	82432-4
39	11-10-65	87664
40	2-22-66	90556
41	4-5-66	90628
42	9-21-66	91790
43	2-27-68	95441
44	1-30-69	98432
45	8-15-69	99487

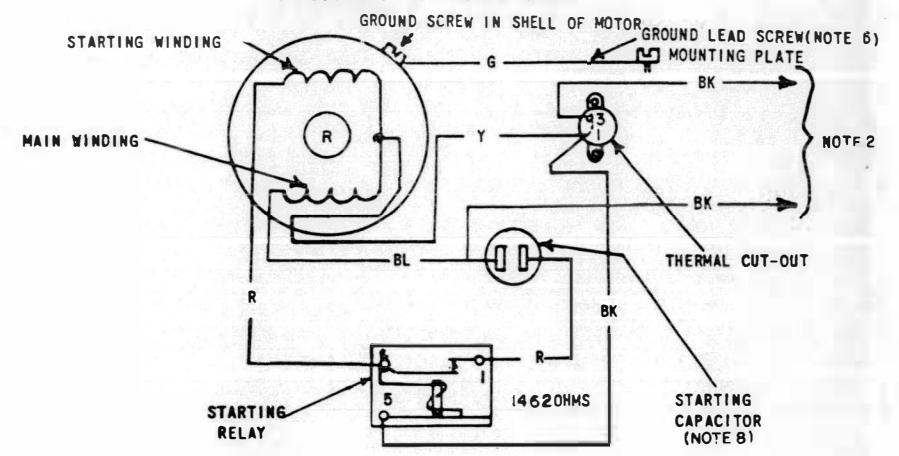
- NO. NOTES**
1. SYNCHRONOUS MOTOR OPERATES ON REGULATED FREQUENCY ($\pm 0.75\%$) MAXIMUM AC ONLY.
 2. CONNECT EITHER WIRE TO DESIGNATED TERMINALS OF UNIT TERMINAL BLOCK, PER WIRING DIAGRAM OF ASSOCIATED UNIT
 3. MOTOR LEADS OF SAME COLOR ARE INTERCHANGEABLE.
 4. (Blank)
 5. EXTERNAL NOISE SUPPRESSION NETWORK CONSISTING OF 100 OHM, 1/2 WATT RESISTOR IN SERIES WITH 0.25 MFD 1K V CAPACITOR CONNECTED ACROSS YELLOW AND BROWN WIRES. (FOR LMU45,46)
 6. MOTOR GROUND LEAD (GREEN) TERMINAL MUST BE FASTENED TO MOUNTING CRADLE OF MOTOR UNDER A SEPARATE GROUND SCREW ONLY. A SCREW USED FOR ANOTHER PURPOSE CANNOT BE USED FOR GROUNDING (UNDERWRITERS LABORATORIES REQUIREMENT).
 7. WIRE COLOR CODE:
 BK - BLACK R - RED
 BL - BLUE O - ORANGE
 BR - BROWN Y - YELLOW
 P - PURPLE S - SLATE
 W - WHITE G - GREEN
 8.

LMU	STARTING CAPACITOR VALUE
3,15,21,30,33,36,37,38,42,46,49,51,52	43-48 MFD
11,12	170-226 MFD
35	64-77 MFD
55	15-18 MFD
19,20,24,26,31,45,56	88-108 MFD
50	161-193 MFD

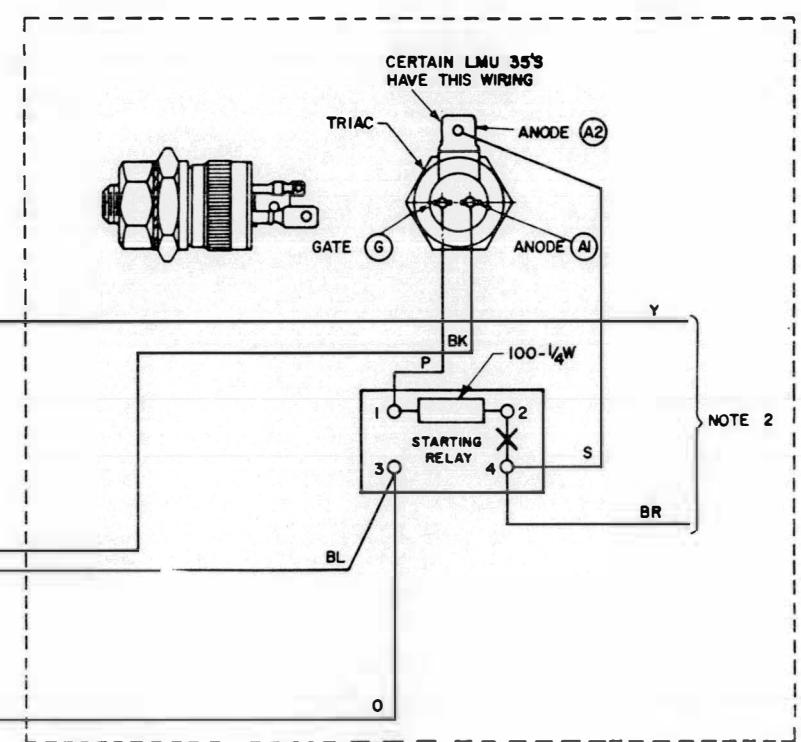
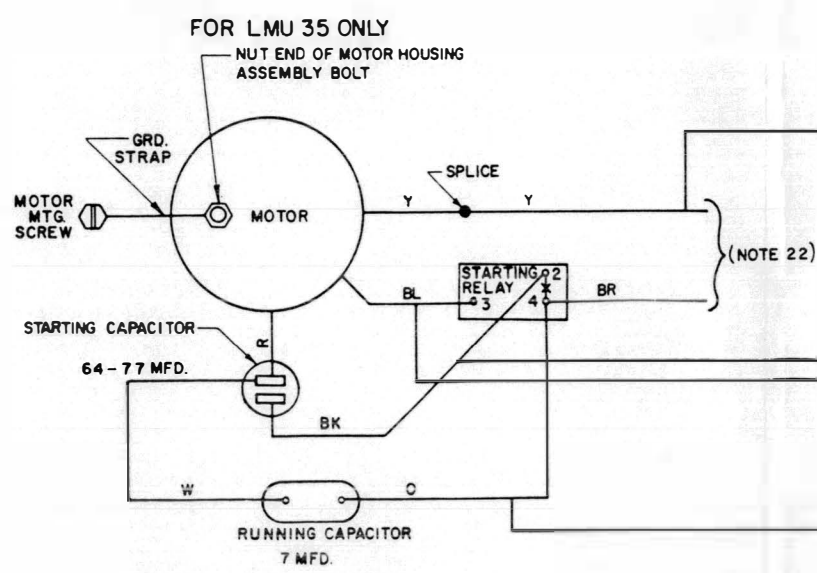


LMU 3,11,12,15,21,30,37,42,46,49
 FOR USE WITH 115V.A.C. 60~POWER SUPPLY
LMU 33, 36,38, 51,52
 FOR 115V.A.C. 50~POWER SUPPLY.
LMU 55
 FOR 230 V.A.C. 50~POWER SUPPLY

LMU 19,20,24,26,31,45,56
 FOR USE WITH 115V AC 60~POWER SUPPLY ONLY



LMU 50,
 FOR USE WITH 115V AC 50~POWER SUPPLY ONLY



SEE ISSUE CONTROL RECORD FOR COMPLETE LIST OF SHEETS COMPRISING THIS W.D.

-SHEET 1-

AC UAL
 WIRING DIAGRAM
 FOR
 MODEL 28 & 35
 MOTOR UNITS

APPROVALS

D AND R	E OF M
E-NUMBER	PROD. NO. 2900WD
DATE 1-28-65	P.D. FILE NO. 1-30.65.156A
DRAWN E.R.	CHKD. R.E.H.
ENGD. B.M.B.	APPD.

TELETYPE CORPORATION

2900WD

SERIES GOVERNED MOTOR UNITS

NOTE: REVISION INFORMATION MUST ALSO BE REFLECTED ON THE ISSUE CONTROL RECORD, WHICH IS A PART OF THIS DRAWING.

2900WD

REVISIONS

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X	9-20-62	74657
Y	11-29-62	75278
Z	4-15-63	76888
AA	4-15-63	76892
AB	5-16-63	76895
AC	5-28-63	76149
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AE	1-13-64	79856
AF	1-28-64	79730-1
32	4-13-64	79730-2
33	5-22-64	82008
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37	9-22-65	82432-3
38	11-8-65	82432-4
39	11-10-65	87664
40	2-22-66	90356
41	4-5-66	90628
42	4-26-67	93875
43	5-26-67	9428-RC
44	5-13-68	95859
45	6-12-69	99366
46	4-10-70	352-RC

- NO. NOTES**
- A. AC SERIES MOTOR UNITS OPERATE ON UN-REGULATED AC POWER.

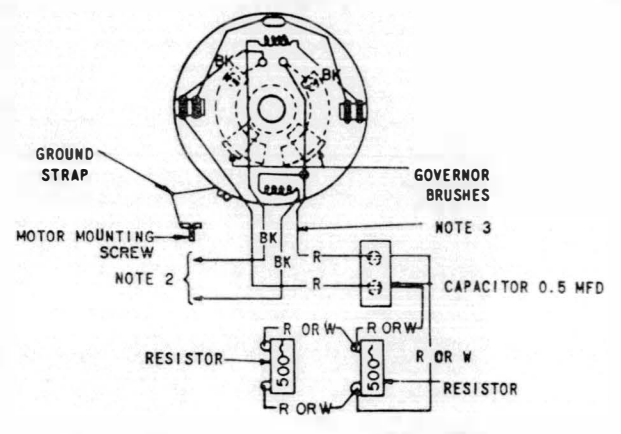
B. ASSOCIATED LESU MUST BE EQUIPPED WITH CAPACITOR-RESISTOR ASSEMBLY FOR DC OPERATION OF GOVERNED MOTORS.
 - CONNECT EITHER WIRE TO DESIGNATED TERMINALS OF UNIT TERMINAL BLOCK, PER WIRING DIAGRAM OF ASSOCIATED UNIT.
 - MOTOR LEADS OF SAME COLOR ARE INTERCHANGEABLE.
 - MOTOR LEADS ARE ENCLOSED IN APPROXIMATELY 10" LONG COPPER SHIELDING & FASTENED TO MOTOR AND CONTROL PARTS COMPARTMENT. (FOR LMU28).
 - LMU4, 10, AND 14 MOTOR UNITS (UNIVERSAL SERIES GOVERNED) CONTAIN TWO 500 OHM RESISTORS WIRED IN PARALLEL EQUIVALENT TO 250 OHMS.

LMU4 MOTOR UNIT SUPERSEDED BY LMU41 MOTOR UNIT.

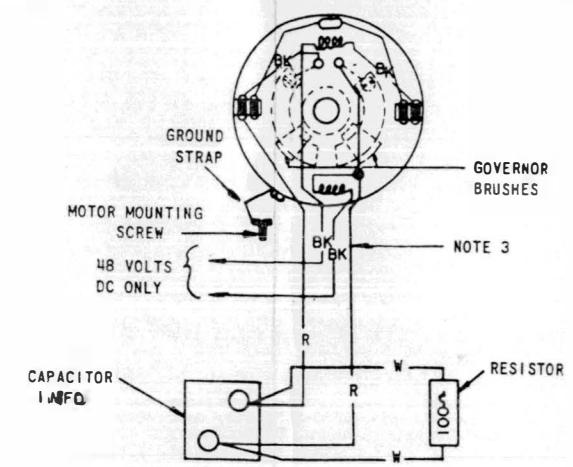
LMU10 MOTOR UNIT SUPERSEDED BY LMU47 MOTOR UNIT.

LMU14 MOTOR UNIT SUPERSEDED BY LMU39 MOTOR UNIT.
 - WIRE COLOR CODE:

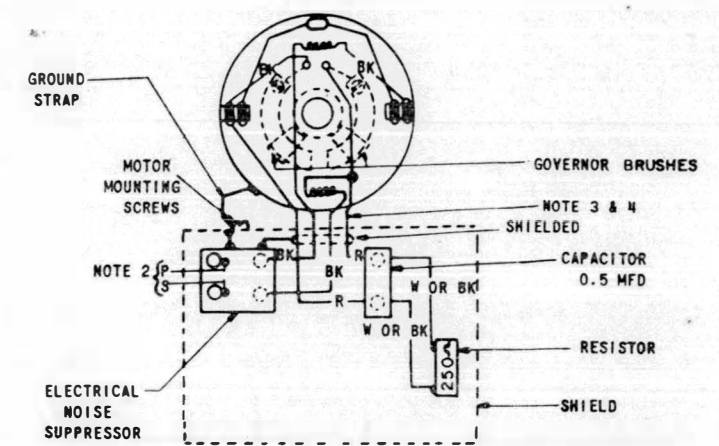
BK - BLACK	R - RED
BL - BLUE	O - ORANGE
BR - BROWN	Y - YELLOW
P - PURPLE	S - SLATE
W - WHITE	G - GREEN



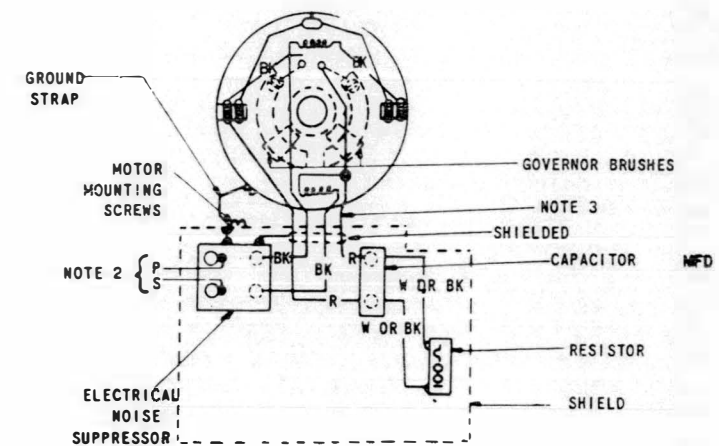
LMU 6, 13 (UNIVERSAL)
WITHOUT RADIO FREQUENCY SUPPRESSORS
FOR USE WITH EITHER 115V AC 50-60~OR 115V DC
POWER SUPPLY (NOTE 1B).



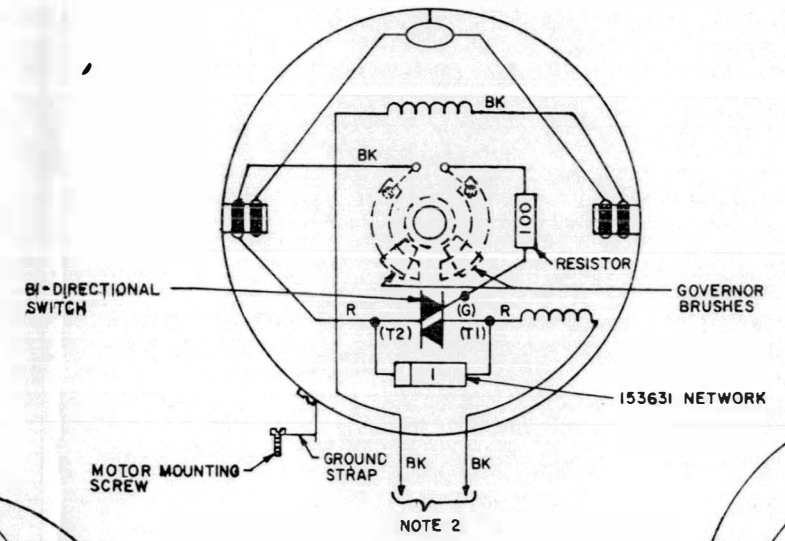
LMU 23 (48 VOLTS)
WITHOUT RADIO FREQUENCY SUPPRESSORS
FOR USE ON 48 VDC POWER SUPPLY ONLY



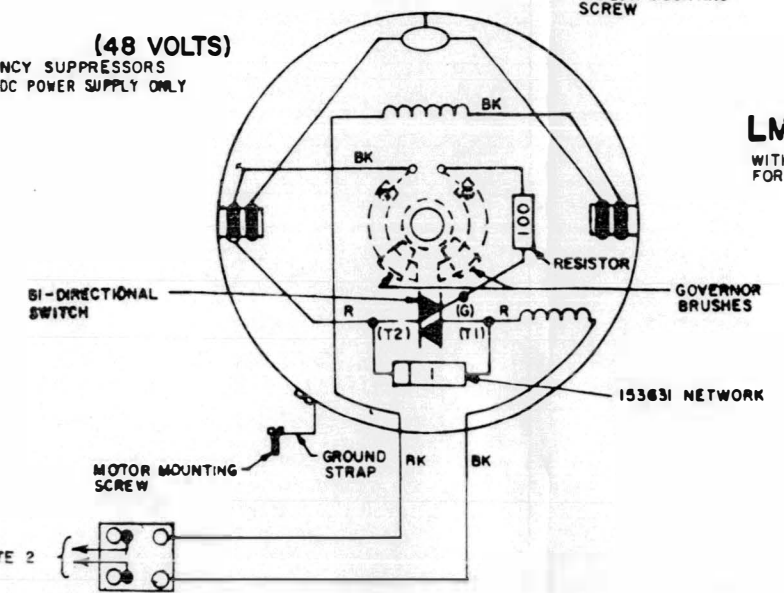
LMU 28, 32, 39, 41, 47 (UNIVERSAL)
WITH RADIO FREQUENCY SUPPRESSORS
FOR USE WITH EITHER 115V AC 50-60~115 V DC
POWER SUPPLY (NOTE 1B)



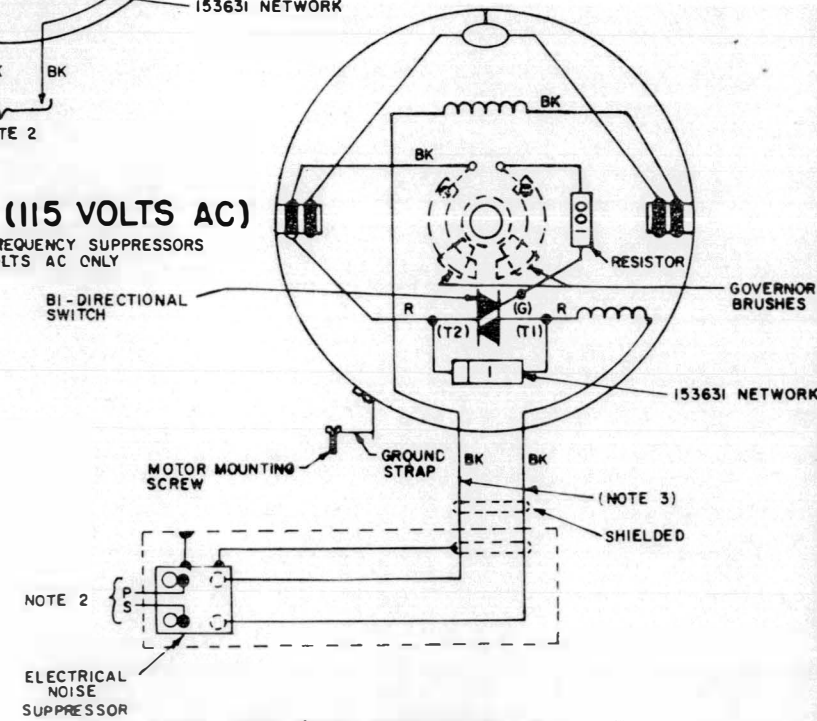
LMU 29 (48 VOLTS)
WITH RADIO FREQUENCY SUPPRESSORS
FOR USE ON 48 VOLT DC POWER SUPPLY ONLY



LMU 57, (115 VOLTS AC)
WITHOUT RADIO FREQUENCY SUPPRESSORS
FOR USE ON 115 VOLTS AC ONLY



LMU 60, 61, 64 (115 VOLTS AC)
WITH RADIO FREQUENCY SUPPRESSORS
FOR USE ON 115 VOLTS AC ONLY



LMU 63 (115 VOLTS AC)
WITH RADIO FREQUENCY SUPPRESSORS
FOR USE ON 115 VOLTS AC ONLY

SEE ISSUE CONTROL RECORD FOR COMPLETE LIST OF SHEETS COMPRISING THIS W.D.

SHEET 2

ACTUAL WIRING DIAGRAM FOR MODEL 28 & 35 MOTOR UNITS

APPROVALS

D AND R	E OF M
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E-NUMBER
PROD. NO. 2900WD
DATE 1-28-66
P.D. FILE NO. 1-30.65.186A
DRAWN E.R. CHKD. RST
ENGD. B.H.B. APPD.

TELETYPE CORPORATION
2900WD