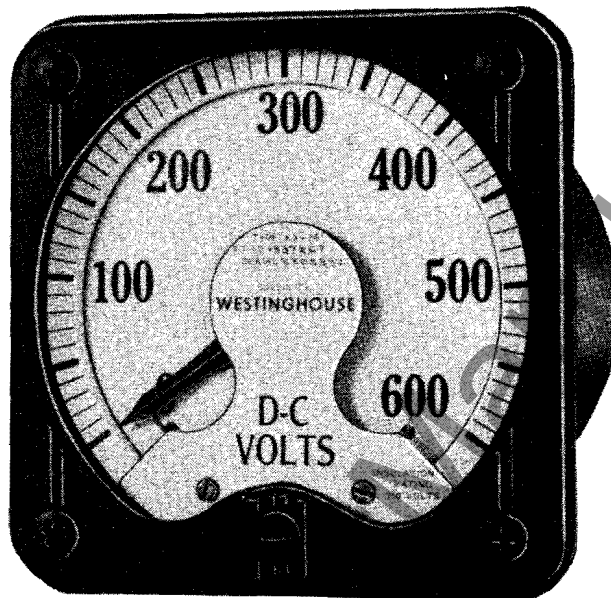




SWITCHBOARD INSTRUMENTS

NAVY HI SHOCK TYPE—K-24 CIRCULAR SCALE



MODEL 1

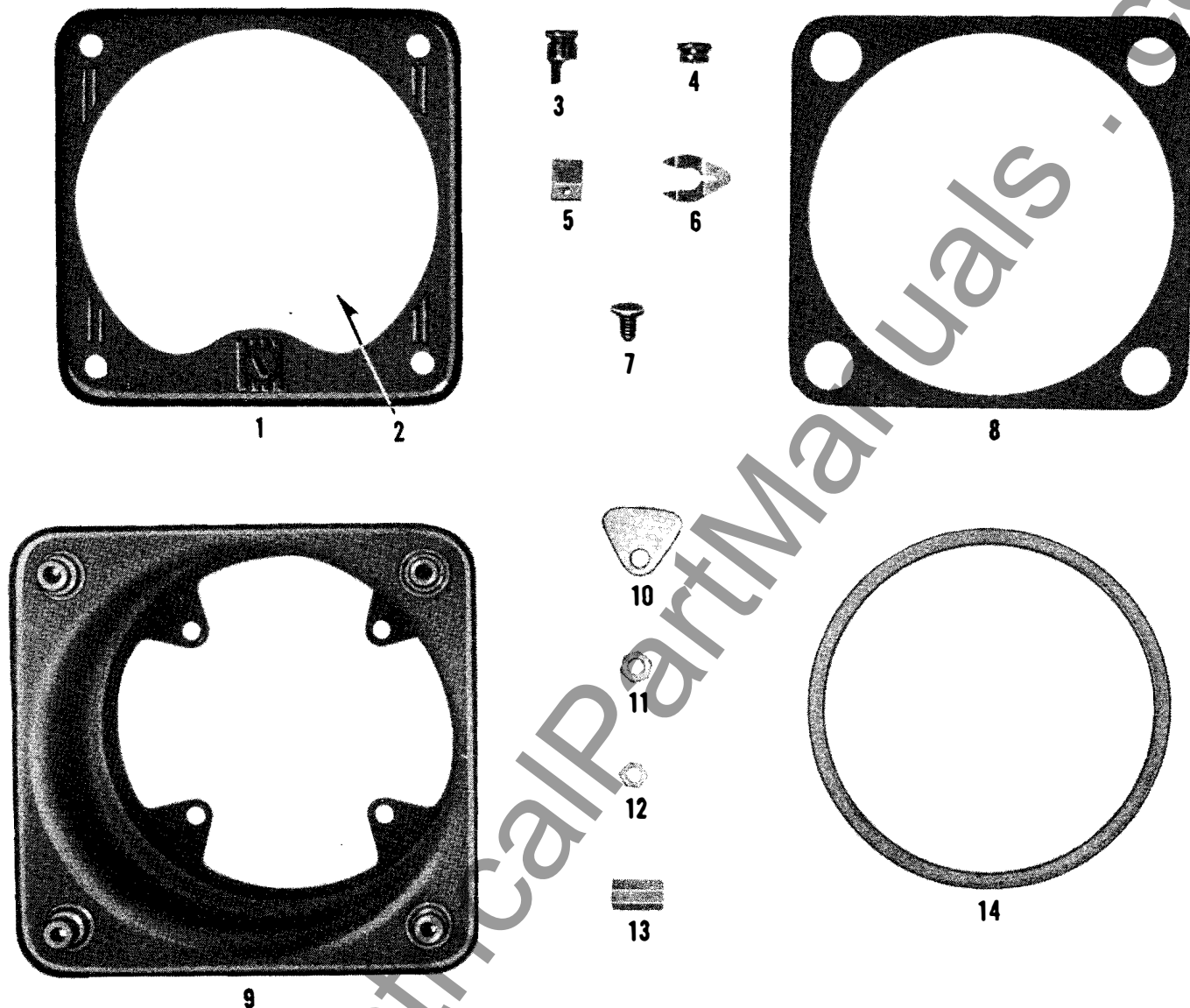
INDEX

DESCRIPTION	Page Number
PARTS COMMON TO ALL INSTRUMENTS	
Case, Cover and Miscellaneous Details.	2,3
PARTS FOR DIRECT-CURRENT (KX-24) INSTRUMENTS	
Ammeters.	4,5
Temperature Indicators.	4,5
Voltmeters.	4,5
Ground Detectors.	4,5
PARTS FOR ALTERNATING-CURRENT (KA-24) INSTRUMENTS	
Ammeters.	6,7
Voltmeters.	6,7
PARTS FOR ALTERNATING-CURRENT (KI-24) INSTRUMENTS	
Synchroscope.	8,9
Position Indicator.	8,9
Power Factor	
Single Phase.	8,9
Polyphase.	8,9
PARTS FOR ALTERNATING-CURRENT (KF-24) INSTRUMENTS	
Wattmeters	
Single Phase.	10,11
Polyphase.	10,11
Frequency Meter.	12,13

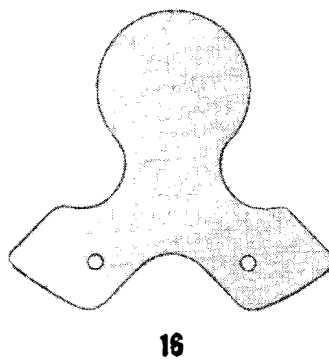
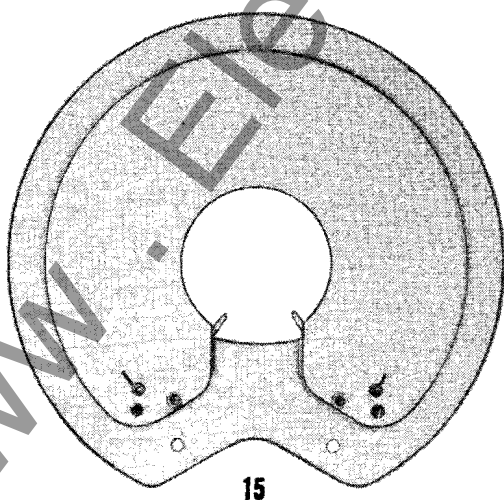
Ordering Information

- Name the part and give its style number.
- Give the complete nameplate reading.
- State method of shipment desired.
- Send all orders or correspondence to nearest sales office of the company.

K-24 CASE, COVER and COMMON PARTS



DIAL ASSEMBLIES, MASK and MOUNTING SCREWS



K-24 CASE, COVER and COMMON PARTS

Ref No.	DESCRIPTION OF PART	Style Number	No. Req
1	Cover Assembly Complete with Window (See Table)	.....	1
2	Glass and Moulded Window for Cover Assembly (See Table)	.....	1
3	Zero Adjuster Button for all Meters Except Synchroscope Power Factor and Position Indicator	1268 133	1
4	Zero Adjuster Button for Synchroscope, and Power Factor Meters Only	1269 068	1
5	Clip to hold Window in Cover	1096 185	4
6	Retainer for Zero Adjuster Button	1268 136	1
7	Screw, for Cover to Case Mounting	1269 047	4
8	Gasket, to Seal Cover to Case	1268 145	1
9	Case Assembly for all Meters, Except Power Factor, Synchroscope, Polyphase Wattmeter and Position Indicator	1268 139	1
9	Case Assembly for Power Factor, Polyphase Wattmeter, and Position Indicator	1268 138	1
10	Lug, to mount Element to Case	1268 143	4
11	Nut, to mount Lug to Case and Element Mounting Studs	1268 001	3
12	Spacer Nut used between Case and Base and Element Mounting Studs	1268 000	4
13	Ground Nut	1269 434	1
14	Gasket, to Seal Case to Base	1268 146	1

TYPE OF WINDOW IN COVER	REFERENCE NO. 1			REF. NO. 2
	Cover Assembly Complete with Window			WINDOW ONLY
	A-C. & D-C. AMMETERS VOLTMETERS WATTMETERS FREQUENCY	SYNCHROSCOPE POWER FACTOR	POSITION INDICATOR	
	Style Number	Style Number	Style Number	
Clear Glass Window	1268 131	1269 070	.....	1268 135
Clear Glass Window	.....	.....	1342 833	1342 834
Moulded Window	1268 130	1269 069	.....	1268 134
Moulded Window	.....	.....	1341 265	1342 835
Non-Glare Glass Window	1340 420	1340 421	.....	1340 419

DIAL ASSEMBLIES, MASK and MOUNTING SCREWS

Ref No.	DESCRIPTION OF PART	WHITE DIAL METERS		BLACK DIAL METERS	
		Style Number	No. Req	Style Number	No. Req
15#	Blank Dial Assembly for A-C. - D-C. Ammeter, Voltmeter and Wattmeter	1335 316	1	1335 315	1
16#	Blank Dial Assembly for Frequency Meter	1335 314	1	1335 313	1
17#	Blank Mask	1276 117	1	1269 346	1
18	Screw to mount Dial Assembly to Meter	1276 057	2	1268 174	2

When Ordering Marked Dials, Order "Similar to" Style of Dial and Old Dial Must be Returned to Insure Proper Scale Distribution.

o When Ordering Marked Mask, Order "Similar to" Style of Mask and Give Complete Meter Information Such as, Type, Title, Transformers, Full Scale, etc.
Parts indented are included in the Part under which they are indented.

KX-24 AMMETERS and VOLTMETERS
Direct-Current



KX-24 AMMETERS, VOLTMETERS, GROUND DETECTORS and TEMPERATURE INDICATORS**Direct-Current**

Ref No.	DESCRIPTION OF PART	Style Number	No. Req	Ref No.	DESCRIPTION OF PART	Style Number	No. Req
1	Base Only, Less Terminals See Table.	1268 207	1	24	Insulation Sleeve for Rear Connector	1268 367	1
2	Permanent Magnet Assembly	1268 197	1	25	Locknut for Rear Jewel Screw.	321 405	1
3	Magnet Adjuster and Bushing.	1267 998	1	26	Front and Rear Jewel and Screw	1268 180	2
4	Magnet Adjuster Spring	1268 209	1	27	Shunt and Stud Assembly for Ammeters.	See Table	.
5	Magnet Adjuster Screw.	1268 210	1	28	Terminal Studs for Ammeters with External Shunt, all Voltmeters, and Ground Detectors, and Temperature Ind.	1268 245	#
6	Magnet Adjuster Spring Holder	1268 235	1	29	Nuts for Ammeters Up to and Including 20 Amps, Ammeters with External Shunt, all Voltmeters, Ground Detectors and Temperature Indicators	1268 252	#
7	Bridge and Bracket Assembly with Jewel Screws and Zero Adjuster	1268 226	1	29	Nuts for Ammeters, 25 to 60 Amps	1158 170	2
8	Zero Adjuster Lever with Pin	779 332	1	x30	Resistor Spools. . . . .	.....	.
9	Washer for above.	1268 174	1	31	Swamping Resistance See Table. . . . .	.....	.
10	Screw to mount above to Bridge	1275 440	1	32	Element to Case Mounting Studs	1268 217	4
11	Spring Washer for Front Jewel	1268 229	1	33	Moving Element Complete See Table. . . . .	.....	.
12	Zero Adjuster Arm	1725 567	1	34	Spring and Holder See Table . . . . .	.....	.
13	Outer Spring Adjuster	1268 249	1	35	Pivots Only	1202 904	2
14	Spring Clamp for above.	1268 232	1	36	Bumper Plate.	1268 268	1
15	Screw to mount Clamp to Adjuster	1268 231	1				
16	Bushing Under Locknut	1268 372	1				
17	Locknut for Jewel Screw	1210 260	1				
18	Hex. Screw to Hook Dial to Frame.	1268 370	1				
19	Nut for above Screw.	1268 369	1				
20	Connector for Rear Spring	1268 368	2				
21	Small Paper Washer	321 406	1				
22	Large Paper Washers.						
23	Spring Washer.						

AMMETERS ONLY

METER RATING	REF. NO. 1	REF. NO. 27	REF. NO. 31	REF. NO. 33		REF. NO. 34
	BASE, DRILLED LESS TERMINALS	SHUNT AND TERMINAL ASSEMBLY	SWAMPING RESISTANCE	WHITE DIAL MOVING ELEMENT	BLACK DIAL MOVING ELEMENT	SPRING AND HOLDER
	Style Number	Style Number	Style Number	Style Number	Style Number	Style Number
50 MILLIVOLTS	1275 712	.....	625 037	1276 106	1268 404	1268 167
100 MILLIVOLTS	1275 712	.....	628 419	1276 106	1268 404	1268 167
0-1 AMPS	1275 712	1269 260	567 597	1276 106	1268 404	1268 167
0-2 AMPS	1275 712	1269 264	567 597	1276 106	1268 404	1268 167
0-3 AMPS	1275 712	1269 266	567 597	1276 106	1268 404	1268 167
0-5 AMPS	1275 712	1269 268	567 597	1276 106	1268 404	1268 167
0-10 AMPS	1275 712	1269 271	567 597	1276 106	1268 404	1268 167
0-15 AMPS	1275 712	1269 272	567 597	1276 106	1268 404	1268 167
0-20 AMPS	1275 712	1269 273	567 597	1276 106	1268 404	1268 167
0-25 AMPS	1275 721	1269 274	567 597	1276 106	1268 404	1268 167
0-30 AMPS	1275 721	1269 275	567 597	1276 106	1268 404	1268 167
0-40 AMPS	1275 721	1269 277	567 597	1276 106	1268 404	1268 167
0-50 AMPS	1275 721	1269 278	567 597	1276 106	1268 404	1268 167
0-60 AMPS	1275 721	1269 279	567 597	1276 106	1268 404	1268 167

VOLTMETERS, GROUND DETECTORS, TEMPERATURE INDICATORS

METER RATING	REFERENCE NO. 1	REFERENCE NO. 33		REFERENCE NO. 34
	BASE DRILLED LESS TERMINALS	WHITE DIAL MOVING ELEMENT	BLACK DIAL MOVING ELEMENT	SPRING AND HOLDER
	Style Number	Style Number	Style Number	Style Number
0-3 VOLTS	1275 715	1276 107	1268 405	1268 168
0-150 VOLTS	1275 716	1276 107	1268 405	1268 168
0-300 VOLTS	1275 718	1276 107	1268 405	1268 168
0-400 VOLTS	1275 714	1276 107	1268 405	1268 168
0-500 VOLTS	1276 118	1276 107	1268 405	1268 168
0-600 VOLTS	1338 328	1276 107	1268 405	1268 168
0-750 VOLTS	1338 329	1276 107	1268 405	1268 168
0-1 MILLIAMPS.	1275 712	1333 813	1333 810	1338 804
.5-0-.5 MILLIAMPS.	1275 712	1338 433	1338 432	1340 552
TEMPERATURE IND.				
ALL RATINGS	1336 792	1276 108	1270 477	1268 167

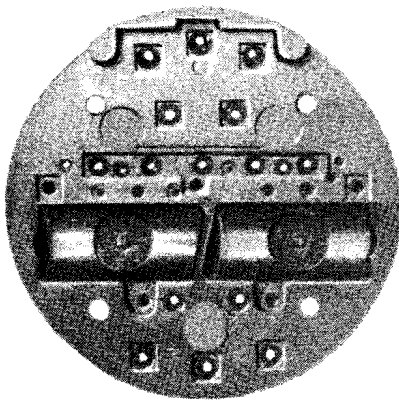
@ When Ordering, Specify "Plus Finish 20"

Use Quantity of 2 on all Meters, Except Temperature Indicators, where quantity of 5 is Used.

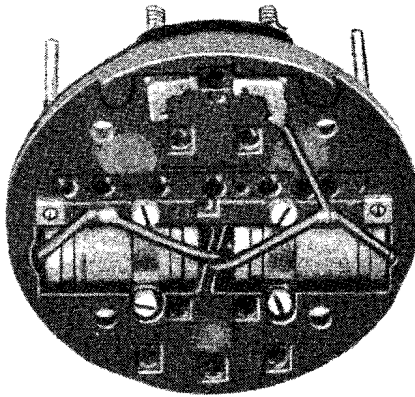
x Order Resistors by Style Number Marked on Spool or by Description of Meter, Such as Type, Rating Etc.

Parts indented are included in the Part under which they are indented.

KA-24 AMMETERS and VOLTMETERS
Alternating Current



1-3



2



4



5



6



7



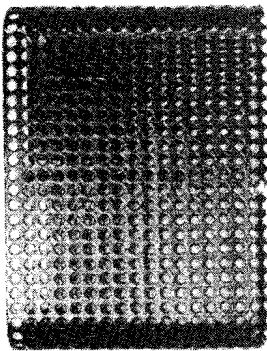
8



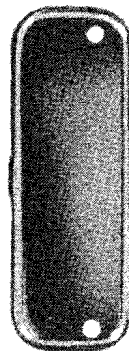
9



10



11



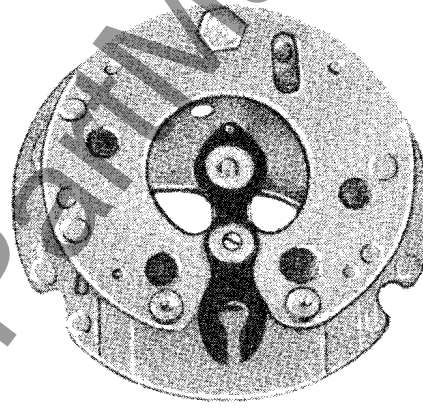
12



13



14



15



16



17



18



19



20



21



22



23



24



25



26



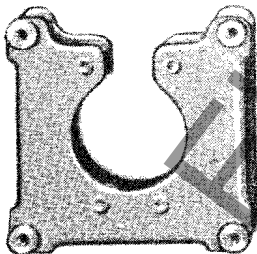
27



28



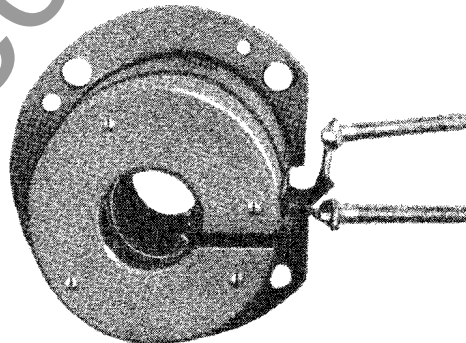
29



30



31



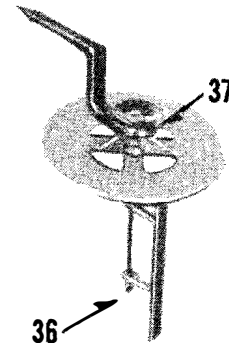
32



33



34



36

35

37

KA-24 AMMETERS and VOLTMETERS, Alternating Current

Ref No.	DESCRIPTION OF PART	Style Number	No. Req	Ref No.	DESCRIPTION OF PART	Style Number	No. Req
1	Base Only, Less Terminals For Ammeter	1275 732	1	@19	Washer for above.	779 332	1
2	Base Assembly with Studs and Capacitors for Voltmeters (See Table)	1275 726	1	20	Screw to mount Lever	1268 174	1
3	Base Only, Less Terminals.	1275 726	1	21	Spring Washer for Front Jewel	1275 440	1
4	Capacitor (See Table)	1268 245	2	22	Zero Adjuster Arm	1268 229	1
5	Mounting Clip for Capacitor (See Table)	1269 304	2	23	Spring Holder.	1268 230	1
6	Screw to mount Clip to Base (See Table)	1270 028	2	24	Clamp to mount Spring to Holder	1268 250	1
7	Terminal Pin for Resistor.	1268 245	2	25	Screw to mount Clamp	1268 249	1
8	Terminal Studs	1269 304	2	26	Bushing for Rear of Spring Holder Assembly	1268 232	1
9	Square Nuts for Resistor Studs	1269 062	2	27	Jewel Screw Locknut.	1268 231	1
10	Studs for mounting Resistor Cards	1275 521	1	28	Front and Rear Jewel and Screw	1268 180	2
11	Cage for Resistor Cards for Voltmeters	1275 515	1	29	Locknut for Rear Jewel and Screw	1269 308	1
12	Cover for Cage	1275 493	16	30	Damping Magnet Assembly	1268 563	1
13	Spacers, between Resistor Cards	1269 433	2	31	Screw for "Fine" Adjustment.	1270 059	1
14	Spacers, between Base and Cards	1276 721	1	32	Stationary Coil Assembly with Spool, Stationary Iron Vane, Front and Rear Shields	(See Table)	
15	Frame Assembly with Zero Adjuster Jewel Screws and Spring Adjuster.	1268 372	1	33	Stud to mount Meter Element to Case and Base	1270 045	4
16	Hex. Screw to Hook Dial Assembly to Frame	1210 260	1	34	Screw to mount Coil Assembly	1269 387	4
17	Nut for above.	1268 226	1	35	Moving Element Complete for White Dial Meters	1276 070	1
18	Zero Adjuster Lever with Pin.			36	Moving Element Complete for Black Dial Meters	1270 046	1
				37	Pivots	1202 904	2
					Control Spring	1269 341	1

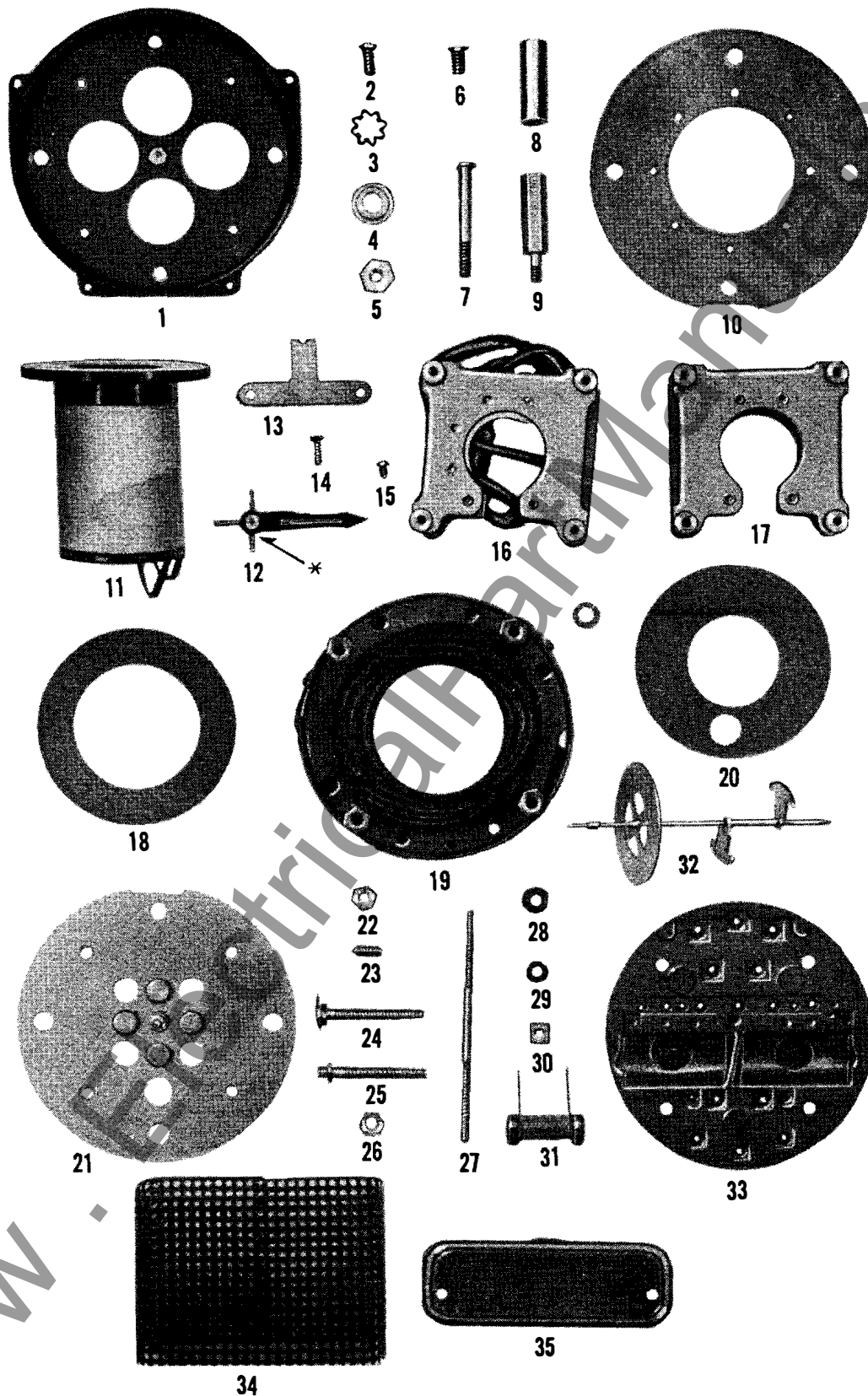
METER RATING	REF. NO. 2	REF. NO. 4			REF. NO. 5	REF. NO. 6
	BASE ASSEMBLY COMPLETE	CAPACITOR			MOUNTING CLIP FOR CAPACITOR STYLE 1269 436	NO. 6 x 1/4 BINDING HEAD SELF TAPPING SCREW STYLE 6529
	Style Number	MFD.	Style Number	No. Req	No. Req	No. Req
150 VOLTS	1270 032	.075	1275 652	2	2	2
200 VOLTS	1338 640	.075	1275 652	1		
200 VOLTS		.02	1275 653	1	2	2
300 VOLTS	1336 241	.02	1275 653	2	2	2
600 VOLTS	1270 033	.02	1275 653	2	2	2
750 VOLTS	1334 505	.007	1334 504	1	1	1

REFERENCE NO. 32					
AMPERE RATING	VOLTAGE RATING	COIL ASSEMBLY WITH TERMINALS SHIELDS AND STATIONARY IRON		COIL ASSEMBLY LESS TERMINALS WITH SHIELDS AND STATIONARY IRON	
		Style Number		Style Number	
0-1	.....	1342 856		.....	
0-2	.....	1342 857		.....	
0-3	.....	1342 858		.....	
0-5	.....	1342 859		.....	
0-10	.....	1342 860		.....	
0-20	.....	1342 861		.....	
-	0-150	.....		1342 862	
-	0-200	.....		1342 863	
-	0-300	.....		1342 864	
-	0-600	.....		1342 865	
-	0-750	.....		1342 866	

@ When ordering, specify "Plus Finish 2C."

Parts indented, are included in the Part under which they are indented.

KI-24 SYNCHROSCOPE—POSITION INDICATOR—POWER FACTOR (Single Phase and Polyphase)



KI-24 SYNCHROSCOPE—POSITION INDICATOR—POWER FACTOR (Single Phase and Polyphase)

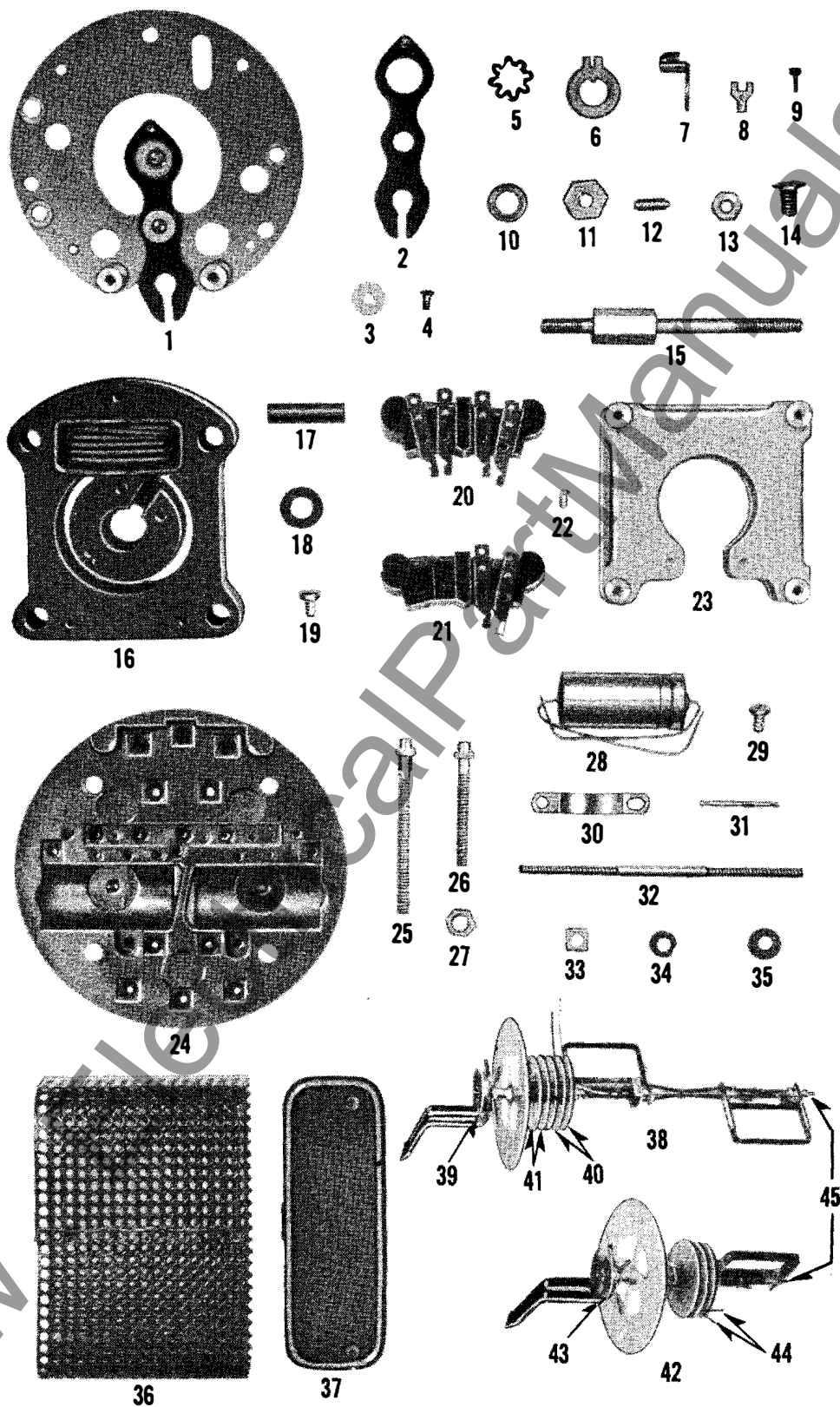
Ref No.	DESCRIPTION OF PART	Style Number	No. Req	Ref No.	DESCRIPTION OF PART	Style Number	No. Req
1	Bridge Assembly with Jewel Screw	1269 104	1	19	Stator Assembly for Synchroscope, Power Factor and Position Indicator	1269 117	1
2	Jewel and Screw	1269 116	1	20	Insulation Disc for Stator Assembly Bottom	1334 237	1
3	Spring Washer	1275 440	1	21	Bottom Bridge and Plate Assembly with Jewel Screw	1269 113	1
4	Spacer Bushing	1269 348	1	22	Locknut for Jewel Screw	478 264	1
5	Nut	1268 231	1	23	Jewel Screw	1269 181	1
6	Screw to mount Bridge Assembly to Hexagon Post	1268 709	3	24	Terminal Studs and Connectors for Synchroscope	1268 245	2
7	Long Screw to mount Spacer and Bridge Assembly to Stator Plate	1269 150	1	25	Terminal Studs 1-5/16" for Synchroscope S. Ph. Power Factor and Position Indicator	1269 130	2
8	Spacer between Bridge Assembly Stator and Spool Plate	1269 109	1	25	Terminal Studs 1-15/16" for Synchroscope and Single Phase Power Factor	1269 128	2
9	Hexagon Post between Bridge Assembly Stator and Spool Plate	1269 171	3	25	Terminal Studs 1-5/16" for Polyphase Power Factor and Position Indicator	1269 130	3
10	Round Support Plate to mount Coil Spool and Stator Assembly.	1269 158	1	25	Terminal Studs 15/16" for Single Phase and Polyphase Power Factor	1269 127	2
11	Spool and Winding for Synchroscope and Position Indicator	1269 154	1	26	Nuts for Studs for Synchroscope, Single Phase and Polyphase Power Factor	1268 252	4
11	Spool and Winding for Power Factors	1269 066	1	26	Nuts for Studs for Position Indicator	1268 252	5
12	Pointer Assembly for White Dial Meters	1276 059	1	27	Resistor Card Mounting Studs	1269 062	2
12	Pointer Assembly for Black Dial Meters	1269 149	1	28	Spacer, between Base and Cards	1269 433	2
*	Set Screw .0578 x 1/8" Cup Pt. H'dless. Set Screw	Hdw.	2	29	Spacer, between Resistor Cards	1275 493	16
13	Shaft Bumper	1269 159	2	30	Square Nuts for Resistor Studs	1269 304	2
14	Screw to mount Shaft Bumper and Spool to Plate	553 756	8	31	Resistor Spools for Synchroscope	1269 136	2
15	Screw to mount Damping Magnet Assembly	1268 174	4	32	Shaft and Damping Disc with Vanes	1269 134	1
16	Damping Magnet Assembly for Power Factors and Synchrosopes	1269 167	1	33	Base Only, Less Terminals	See Table	-
17	Damping Magnet Assembly for Position Indicator	1268 563	1	34	Cage for Resistor Cards	1275 521	1
18	Insulation Disc for Stator Assembly Top	1334 236	1	35	Cover for Cage	1275 515	1
				*	Flat Washer for Stator and Bridge Assembly	1269 178	4

TYPE OF METER	REF. NO. 33	*	
	BASE ONLY WITH DRILLED HOLES	INTERNAL CONNECTION AND RESISTOR TERMINAL PINS	
	Style Number	Style Number	No. Req
Single Phase Power Factor	1275 723	1270 028	2
Polyphase Power Factor	1275 725	1269 305	9
Synchroscope	1275 724	1270 028	2
Position Indicator	1336 391	1269 305	2

* Not Illustrated

Parts indented are included in the Part under which they are indented.

KF-24 ALTERNATING-CURRENT WATTMETERS Single Phase and Polyphase



KF-24 ALTERNATING-CURRENT WATTMETERS

Single Phase and Polyphase

Ref. No.	DESCRIPTION OF PART	Style Number	No. Req.	Ref. No.	DESCRIPTION OF PART	Style Number	No. Req.
1	Bridge Assembly Complete for Single Phase Wattmeters . . .	1268 399	1	20	Connector Block Assembly for Polyphase Wattmeters . . .	1268 356	1
1	Bridge Assembly Complete for Polyphase Wattmeters . . .	1268 354	1	21	Connector Block Assembly for Single Phase Wattmeters . . .	1270 304	1
2	Zero Adjuster Lever with Pin . . .	1268 226	1	22	Screw to mount Damping Magnet . . .	1268 174	4
3	Washer to mount above . . .	779 332	1	23	Damping Magnet Assembly . . .	1268 563	1
4	Screw to mount above . . .	1268 174	1	24	Base Only, Less Terminals . . .	See table	.
5	Spring Washer for Zero Adjuster Assembly . . .	1275 440	1	25	Terminal Studs . . .	See table	.
6	Zero Adjuster Arm . . .	1268 229	1	26	Terminal Studs . . .	See table	.
7	Outer Spring Holder . . .	1268 230	1	27	Nuts for Current Terminal Studs . . .	1268 252	6
8	Clamp to mount Spring to Holder . . .	1268 250	1	28	Capacitor . . .	See table	.
9	Screw to mount Clamp . . .	1268 249	1	29	Screw to mount Capacitor Clip . . .	See table	.
10	Bushing Under Locknut . . .	1268 232	1	30	Capacitor Clips . . .	See table	.
11	Jewel Screw Locknut . . .	1268 231	1	31	Terminal Pins . . .	See table	.
12	Front Jewel and Screw . . .	1268 180	1	32	Resistor Card Stud . . .	1269 062	2
13	Locknut for Rear Jewel Screw . . .	1268 180	1	33	Square Nut for Resistor Studs . . .	1269 304	2
14	Hex. Screw to Hook Dial Assembly . . .	939 966	1	34	Spacer between Resistor Cards . . .	1275 493	16
15	Screws, Element to Base to Case for Polyphase Wattmeters . . .	1268 372	1	35	Spacer between Base and Cards . . .	1269 433	2
15	Screws, Element to Base, to Case for Single Phase Wattmeters . . .	1268 693	4	36	Cage for Resistor Cards . . .	1275 521	1
*	Dial and Bridge Mounting Studs . . .	1268 694	4	37	Cover for Cage . . .	1275 515	1
*	Dial Mounting Post . . .	1268 175	2	38	Moving Element Complete for White Dial Polyphase Wattmeters . . .	1276 069	1
*	Screw to mount Bridge to Element for Single Phase Wattmeters . . .	1268 700	1	38	Moving Element Complete for Black Dial Polyphase Wattmeters . . .	1275 523	1
16	Electromagnet . . .	1268 709	3	39	Control Spring . . .	1268 172	1
#17	Insulation Tubing Through Electromagnet . . .	See table	#	40	Rear Conducting Strips . . .	1275 373	2
#18	Insulation Washer, Each Side Electromagnet . . .	1275 492	#	41	Front Conducting Strips . . .	1275 375	2
19	Screw to mount Connector Block #6 x 7/16" Rd. Hd. Type Z S. Sh. M. Sc. #6529 . . .	1275 491	#	42	Pivots (See Reference 45) Moving Element Complete for White Dial Single Phase Wattmeters . . .	1276 065	1
		Hdy	2	42	Moving Element Complete for Black Dial Single Phase Wattmeters . . .	1275 572	1
				43	Control Spring . . .	1268 172	1
				44	Conducting Strips . . .	1275 373	2
				45	Pivots . . .	1202 904	2

TYPE OF METER	REFERENCE NO. 24	REFERENCE NO. 28	REFERENCE NO. 29	REFERENCE NO. 30	REFERENCE NO. 31	
	BASE ONLY LESS TERMINALS	CAPACITOR STYLE 1275651	SCREW FOR CLIP #6x1/4" BINDING HEAD TYPE Z #6529 SELF TAP	CLIPS FOR CAPACITOR STYLE 1269436	RESISTOR TERMINAL PINS	
	Style Number	No. Req.	No. Req.	No. Req.	Style Number	No. Req.
SINGLE PHASE WATTMETER . . .	1275 728	1	2	1	1269 305	3
POLYPHASE WATTMETER (2-CURRENT COIL) . . .	1275 729	2	4	2	1269 305	6
POLYPHASE WATTMETER (3-CURRENT COIL) . . .	1275 730	2	4	2	1269 305	6
SINGLE PHASE WATTMETER 3 PHASE 3-WIRE-BALANCE LOAD "Y" BOX . . .	1275 731	1	2	1	1269 305	4

ELECTROMAGNET CURRENT RANGE	REFERENCE NO. 16		REFERENCE NO. 25				REFERENCE NO. 26			
	(x)		POTENTIAL STUDS				CURRENT STUDS			
	ELECTROMAGNET SINGLE PHASE		(\$)		2CC AND 3CC POLYPHASE WATTMETERS		SINGLE PHASE WATTMETERS		2CC++ POLYPHASE WATTMETERS	
	Style Number	No. Req.	Style Number	No. Req.	Style Number	No. Req.	Style Number	No. Req.	Style Number	No. Req.
2.0 to 2.80	1342 201	1	1269 130	2	1269 128	4	1269 127	2	1269 127	4
2.81 to 3.75	1269 412	1	1269 130	2	1269 128	4	1269 127	2	1269 127	4
3.76 to 4.60	1269 413	1	1269 130	2	1269 128	4	1269 127	2	1269 127	4
4.61 to 6.00	1269 414	1	1269 130	2	1269 128	4	1269 127	2	1269 127	4
6.01 to 8.00	1269 415	1	1269 130	2	1269 128	4	1269 127	2	1269 127	4
8.01 to 12.00	1269 417	1	1269 130	2	1269 128	4	1269 127	2	1269 127	4
12.01 to 15.00	1269 418	1	1269 130	2	1269 128	4	1275 155	2	1275 155	4
15.01 to 20.00	1269 419	1	1269 130	2	1269 128	4	1269 127	2	1269 127	4
20.01 to 30.00	1269 420	1	1269 130	2	1269 128	4	1275 155	2	1275 155	4

* Not Illustrated

For Reference 17 use quantity of 4 for Single Phase Meters and 8 for Polyphase Meters.

x For Reference 18 use quantity of 8 for Single Phase Meters and 16 for Polyphase Meters.

Order 2 of Rating desired, for Polyphase Meters.

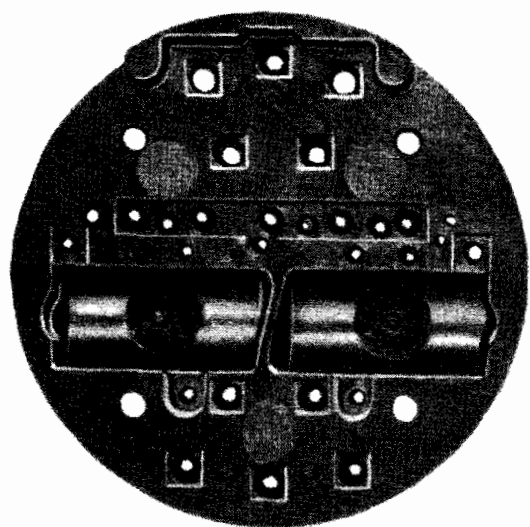
\$ For Terminals for Single Phase Meter with Y Box, order Style No. 1269128. Req. (3).

++ For 3 Current Coil Meters, order 2 additional, to quantity specified.

For Single Phase Meters, order quantity of 2, for 2 Current Coil Polyphase Meters, order quantity of 4, for 3 Current Coil Meters, order quantity of 6.

Parts indented are included in the Part under which they are indented.

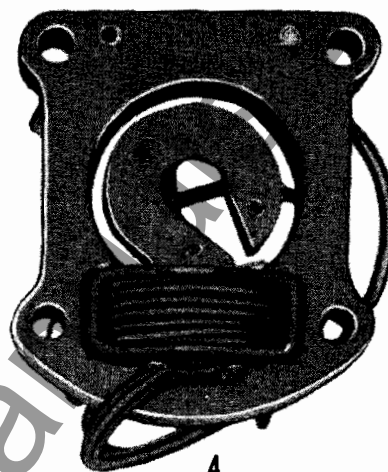
KF-24 FREQUENCY METERS



1



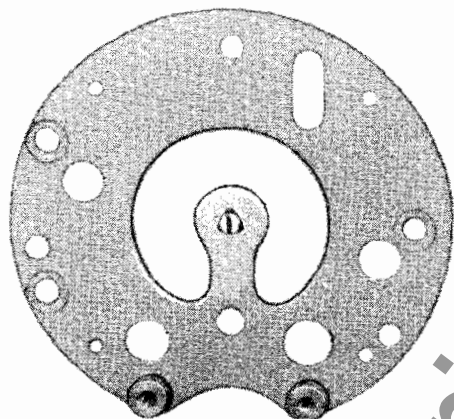
2



4



3



5



6



7



8



9



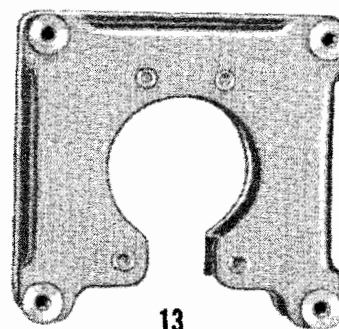
10



11



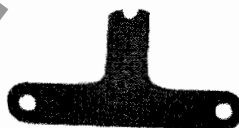
12



13



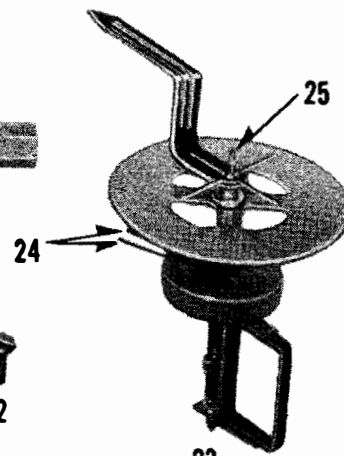
14



15



16



23



17



18



19



20



21



22

12

KF-24 FREQUENCY METERS

Ref No.	DESCRIPTION OF PART	Style Number	No. Req
1	Base Only, Less Terminals.	1275 727	1
2	Terminal Studs	1269 130	4
3	Nuts for Terminal Studs	1268 252	4
4	Electromagnet.	1269 922	1
5	Bridge Assembly Complete with Jewel	1269 396	1
6	Spring Washer	1275 440	1
7	Spacer	1269 348	1
8	Jewel Screw Locknut	1268 231	1
9	Front Jewel Screw.	1268 180	1
9	Rear Jewel Screw	1268 180	1
10	Locknut for Rear Jewel Screw.	939 966	1
11	Hex. Screw to Hook Dial to Bridge	1268 372	1
12	Nut for above.	1210 260	1
13	Damping Magnet Assembly	1268 563	1
14	Studs for Element to Case to Base	1268 694	4
15	Shaft Bumper	1270 674	2
16	Mounting Post for Dial.	1268 692	1
17	Connector Block Assembly	1270 304	1
18	Washer Used Under Connector Block	1268 987	2
19	Screw to mount Block #6 x 7/16" Rd. Hd. Type 2 S. Sh. M. Sc. #6529	Hdw.	2
20	Insulation Tubing Through Electromagnet	1275 492	4
21	Insulation Washer for Each Side of Electromagnet	1275 491	8
22	Screw to mount Bridge to Element	1268 709	3
23	Moving Element Complete for White Dial Meters	1342 870	1
23	Moving Element Complete for Black Dial Meters	1341 821	1
24	Conducting Strips.	1270 299	2
25	Pivots	1202 904	2

Parts indented are included in the Part under which they are indented.

MEMORANDUM

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

www.ElectricalPartManuals.com

MEMORANDUM

Blank lined area for memorandum content.

www.ElectricalPartManuals.com

www.ElectricalArtManuals.com

