

Westinghouse



Renewal Parts Data
41-076A1

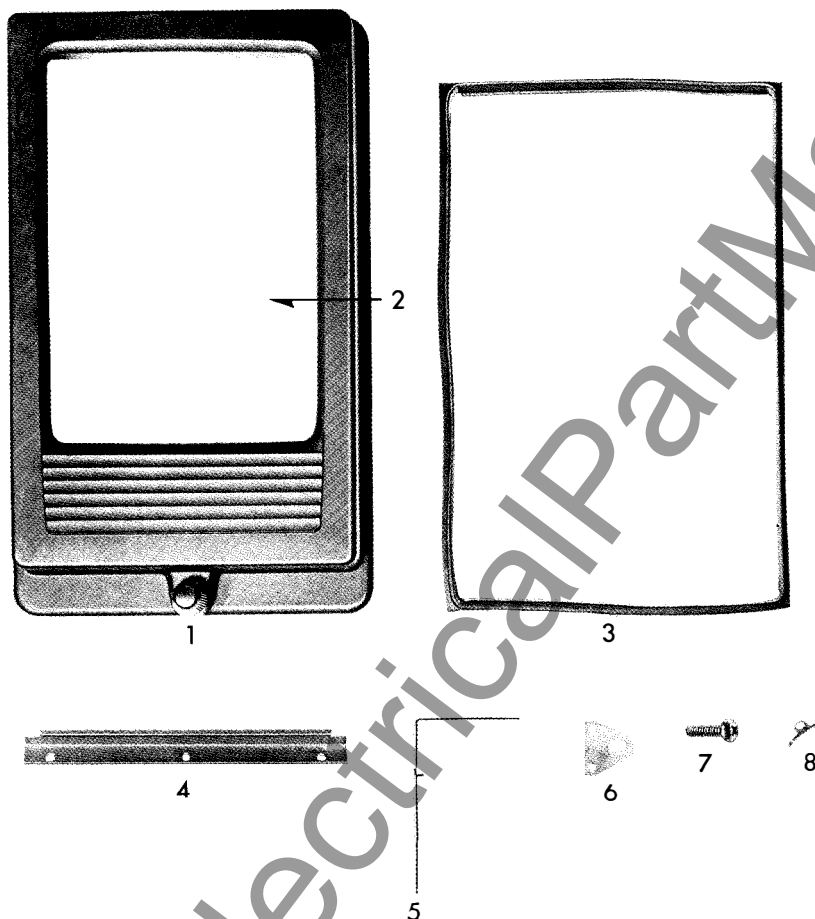
Page 1

Universal Flexitest®
Cases

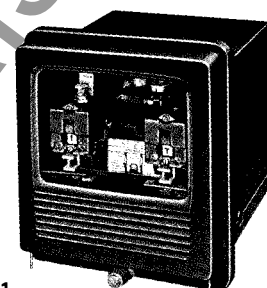
Types FT-11, 21, 22, 31, 32, 41, 42

Ordering Information

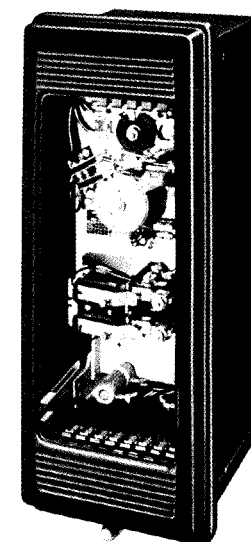
- Give style number and name of part.
- Give the complete nameplate reading.
- State method of shipment desired.
- Send all orders or correspondence to nearest sales office of the company.



Type FT-11



Type FT-32



Reference Number	Description of Part	Style Number of Part			
		Type FT-11	FT-21, FT-22	FT-31, FT-32	FT-41, FT-42
1	Cover assembly.	③	③	③	③
2	Window glass (for dimensions see footnote ⑤).	1730 645	1730 647	1875 690	1730 646
3	Gasket.	1875 022	1875 023	1875 024	1875 025
4	Hinge.	52D6292H03	52D6292H03	52D6292H03	52D6292H03
5	Reset lever.	③	③	③	③
6	Washer to retain reset lever.	877A649H02	877A649H02	877A649H02	877A649H02
7	Screw to retain reset lever.	1875 313	1875 313	1875 313	1875 313
7	Screw for hinge.	57D4483H03	57D4483H03	57D4483H03	57D4483H03
8	Clip to hold glass.	184A258H01	184A258H01	184A258H01	184A258H01
①	Cement used to cement glass to cover.	④	④	④	④
①	Screw for glass clip #4 x 3/8 round head steel sheet metal screw, finish 22AA03②.	877A585H01	877A585H01	877A585H01	877A585H01

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

① Not illustrated. ② Nickel plated finish.

③ When ordering, specify style and type of relay for which part is required.

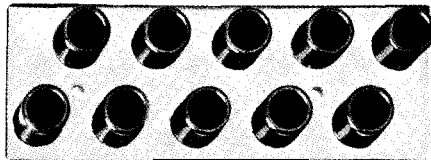
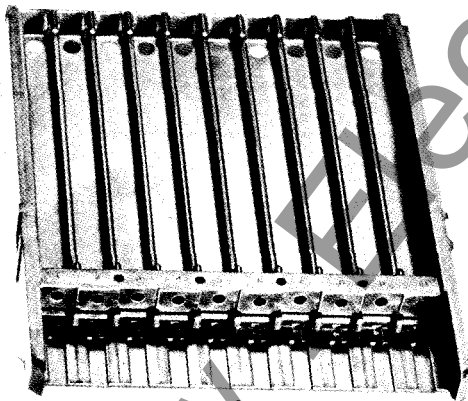
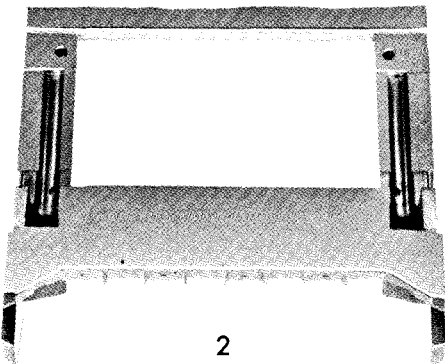
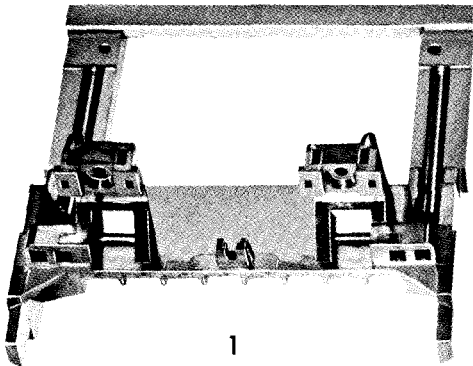
④ Buy from Minnesota Mining and Mfg. Co. # EC-870 in 5 ounce tube.

⑤ Glass dimensions: FT-11 (3 3/4 x 3 3/4); FT-21, 22 (4 1/4 x 6 5/8); FT-31, 32 (4 1/4 x 11 1/8); FT-41, 42 (4 1/4 x 14 1/8).

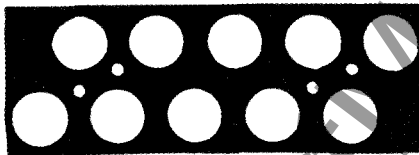
February, 1976

Supersedes RPD 41-076A1 dated September, 1973
E, D, C/2780

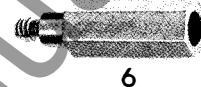
Westinghouse



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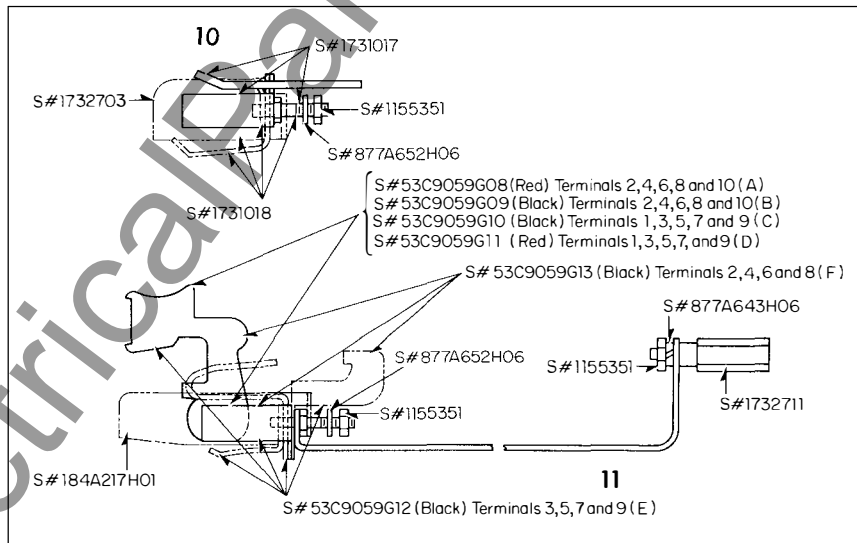
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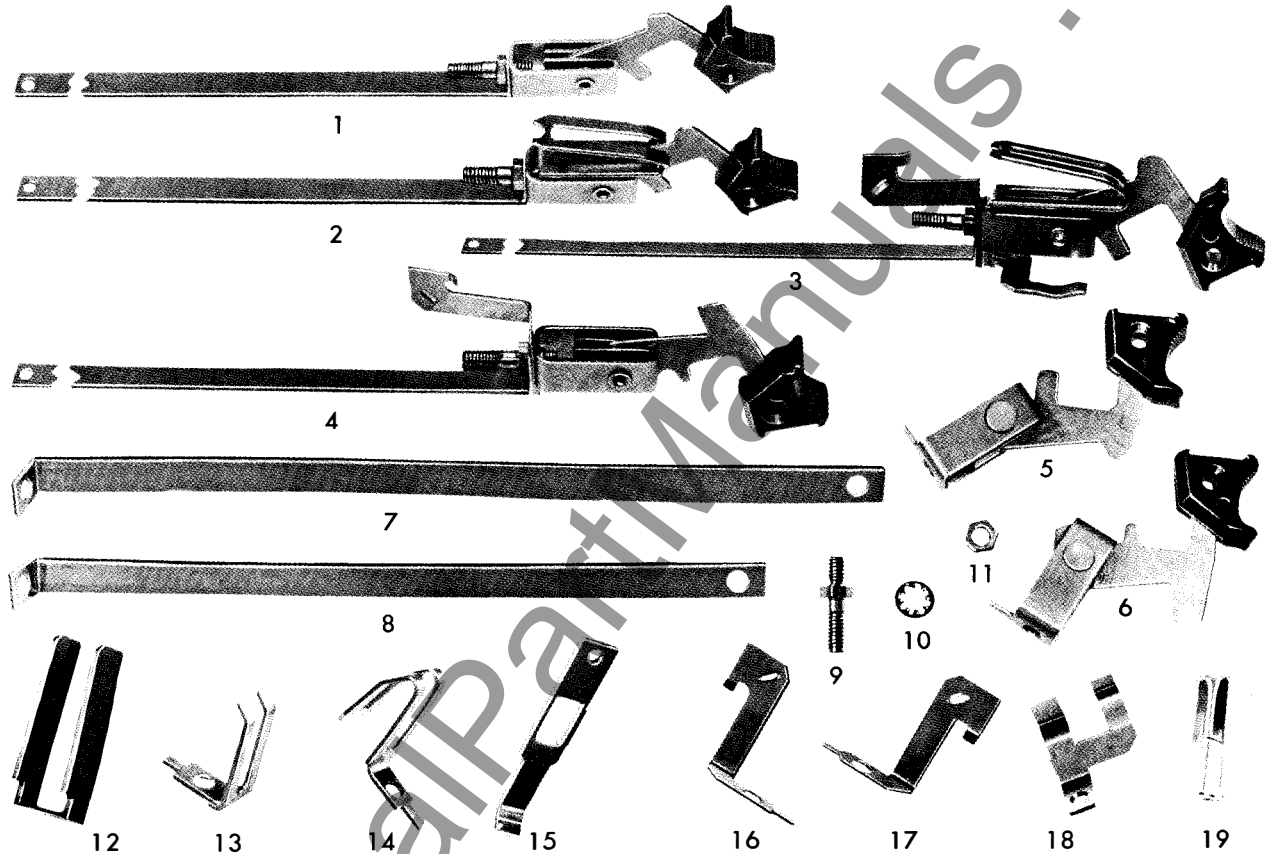
9



Reference Number	Description of Part	Style Number
1	Switch jaw block insulation with pedestals.....	55B6759G02
2	Switch jaw block insulation without pedestals.....	1732 784
3	Switch blade block insulation.....	1732 783
4	Terminal block®.....	1732 731
5	Gasket for terminal block.....	1732 702
6	Terminal.....	1732 711
7	Speed nut.....	1731 016
8	Expansion nut.....	1731 042
9	Self tapping screw.....	1875 304
10-11	Switch blade and jaw kit assembly.....	
A	Trip (red).....	3500A28G13
B	Potential (black).....	3500A28G09
C	Potential (black).....	3500A28G10
D	Trip (red).....	3500A28G14
E	Current SC (black).....	3500A28G11
F	Current SC (black).....	3500A28G12

® Knock out holes as required.

Universal Flexitest®
Cases

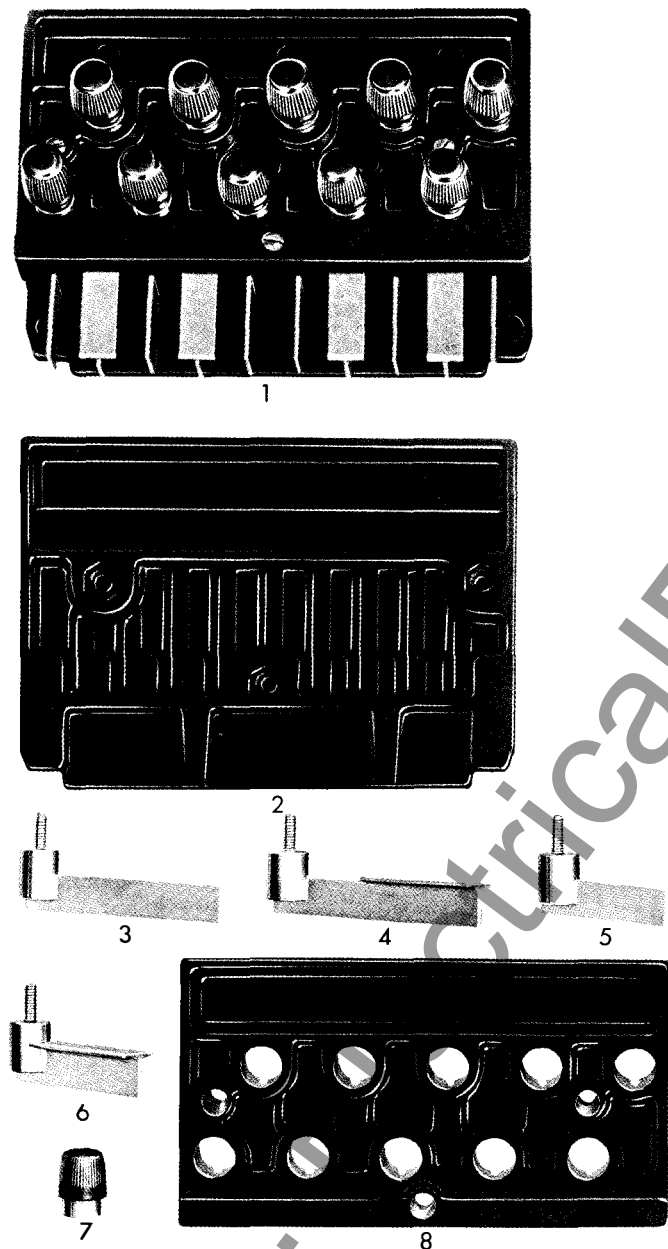


Reference Number	Description of Part	Style Number
⑦1	Switch blade with short connector strap – red handle.....	53C9059G08
⑦1	Switch blade with short connector strap – black handle.....	53C9059G09
⑧1	Switch blade with long connector strap – black handle.....	53C9059G10
⑧1	Switch blade with long connector strap – red handle.....	53C9059G11
⑨2	Switch blade with long connector strap and current jack spring – black handle.....	53C9059G14
⑩2	Switch blade with short connector strap and current jack spring – black handle.....	288B721 G01
⑩3	Switch blade with long connector strap, auxiliary short circuit spring and current jack spring – black handle.....	53C9059G12
⑩4	Switch blade with short connector strap and auxiliary short circuit spring – black handle.....	53C9059G13
5	Switch blade and hinge assembly tapped – with black handle.....	53C9041G08
5	Switch blade and hinge assembly tapped – with red handle.....	53C9041G07
5	Switch blade and hinge assembly not tapped – with black handle.....	53C9041G09
6	Switch blade and hinge assembly tapped – with black handle.....	53C9041G05
7	Connector strap – long.....	1732 753
8	Connector strap – short.....	1732 752
9	Stud.....	1732 713
10	Shakeproof washer.....	109A953H06
11	Nut for stud.....	1155 351
12	Barrier – long (2.05 inch) for switch blades – all except top block FT-22.....	184A217H01
12	Barrier – short (1.8 inch) for switch blades – FT-22 top block only.....	184A380H01
12	Barrier – short (1.4 inch) for switch jaw block only.....	1732 703
⑩	L-shaped barrier for switch jaw block (5000 volt insulation only).....	183A452H01
13	Current jack connector (for switch jaw block).....	184A277H01
14	Current jack spring – not tapped.....	184A244H01
14	Current jack spring – tapped.....	184A244H02
15	Connector clip.....	1732 710
16	Contact spring, left, front view.....	1732 721
17	Contact spring, right, front view.....	1732 722
18	Short circuit spring, blade operated short-circuiting switch.....	187A704H01
19	Switch jaw.....	1732 706

- ⑦ Used in block positions 2-4-6-8-10.
 ⑧ Used in block positions 1-3-5-7-9.
 ⑨ Used in block positions 3-5-7-9.
 ⑩ Used in block positions 2-4-6-8.
 ⑪ Not illustrated.

Universal Flexitest® Cases

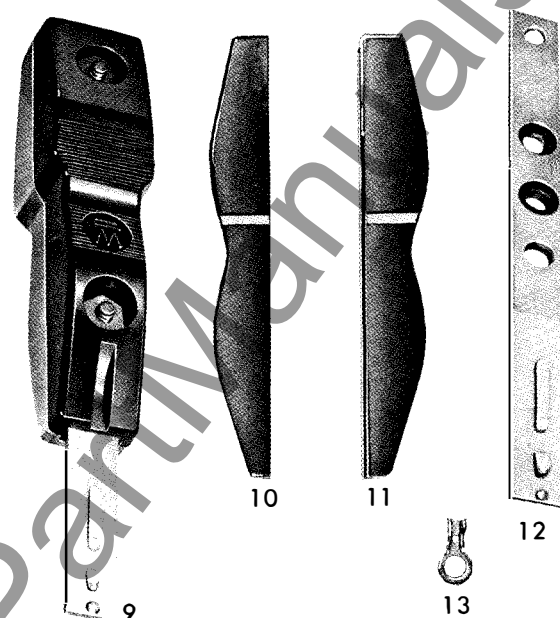
Renewal Parts for Ten-Circuit Test Plug



Reference Number	Description of Part	Style Number
1	Ten-circuit test plug.....	1164 046
2	Bottom insulation.....	1340 791
3	Stud and blade, long.....	1537 729
4	Stud and blade, t-shaped, long.....	1537 731
5	Stud and blade, short.....	1537 728
6	Stud and blade, t-shaped, short.....	1537 730
7	Nut.....	1725 785
8	Top insulation.....	1340 792

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

Renewal Parts for Ammeter Test Plug



Reference Number	Description of Part	Style Number
9	Ammeter test plug.....	07B4618G04
10	Insulation, black.....	01C6115H03
11	Insulation, red.....	01C6115H04
12	Blade assembly.....	07B4618G03
13	Terminal clip.....	324 091

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

Renewal Parts for Interlocking Bar for Switch



Reference Number	Description of Part	Style Number
14	Tie bar - 2-switch blade.....	1270 537
14	Tie bar - 3-switch blade.....	1270 538
14	Tie Bar - 4-switch blade.....	1340 225
15	.112-40 x 1/4 flat head steel machine screw...	877A525H03

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Renewal Parts Data
41-076A1

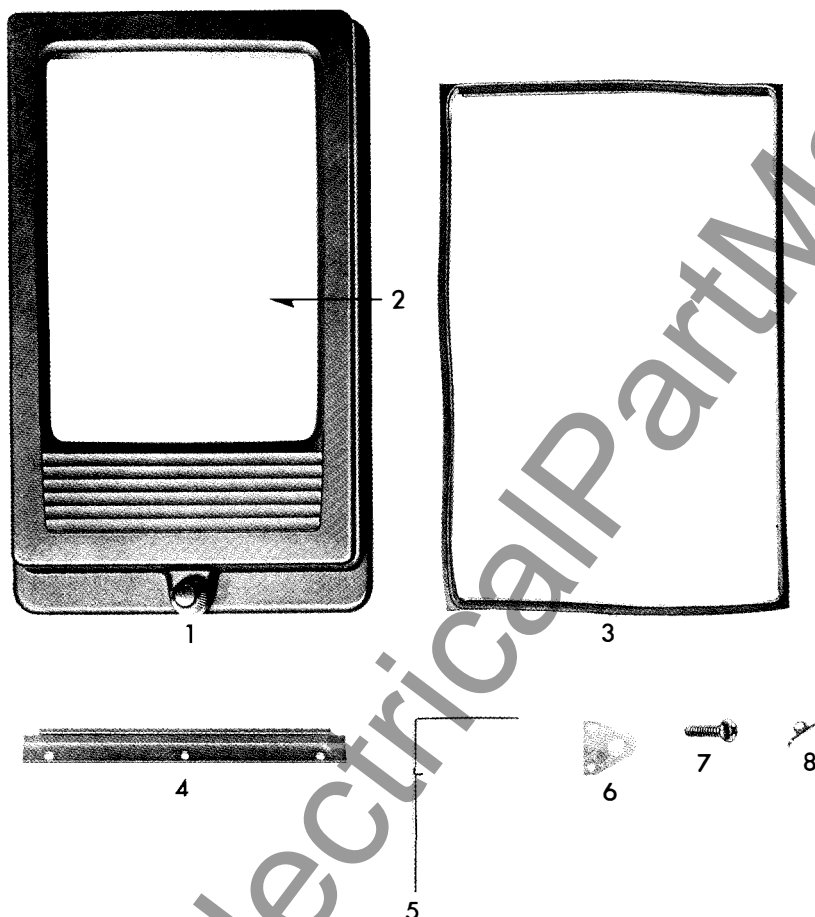
Page 1

Universal Flexitest®
Cases

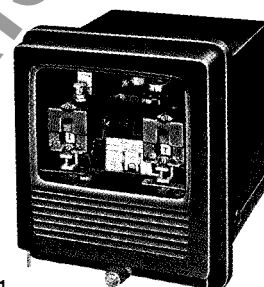
Types FT-11, 21, 22, 31, 32, 41, 42

Ordering Information

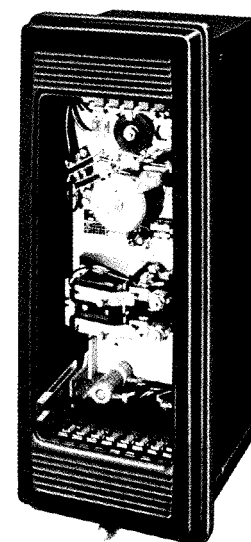
- Give style number and name of part.
- Give the complete nameplate reading.
- State method of shipment desired.
- Send all orders or correspondence to nearest sales office of the company.



Type FT-11



Type FT-32



Reference Number	Description of Part	Style Number of Part			
		Type FT-11	FT-21, FT-22	FT-31, FT-32	FT-41, FT-42
1	Cover assembly	③	③	③	③
2	Window glass (for dimensions see footnote ⑤)	1730 645	1730 647	1875 690	1730 646
3	Gasket	1875 022	1875 023	1875 024	1875 025
4	Hinge	52D6292H03	52D6292H03	52D6292H03	52D6292H03
5	Reset lever	③	③	③	③
6	Washer to retain reset lever	877A649H02	877A649H02	877A649H02	877A649H02
7	Screw to retain reset lever	1875 313	1875 313	1875 313	1875 313
7	Screw for hinge	57D4483H03	57D4483H03	57D4483H03	57D4483H03
8	Clip to hold glass	184A258H01	184A258H01	184A258H01	184A258H01
①	Cement used to cement glass to cover	④	④	④	④
①	Screw for glass clip # 4 x 3/16 round head steel sheet metal screw, finish 22AA03②	877A585H01	877A585H01	877A585H01	877A585H01

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

① Not illustrated. ② Nickel plated finish.

③ When ordering, specify style and type of relay for which part is required.

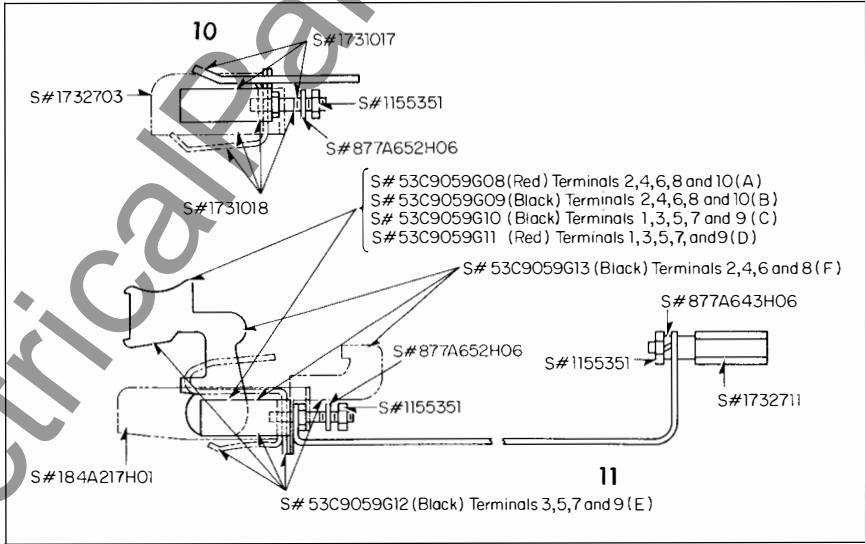
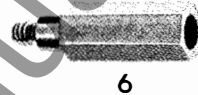
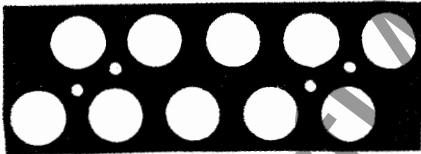
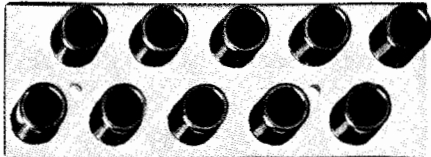
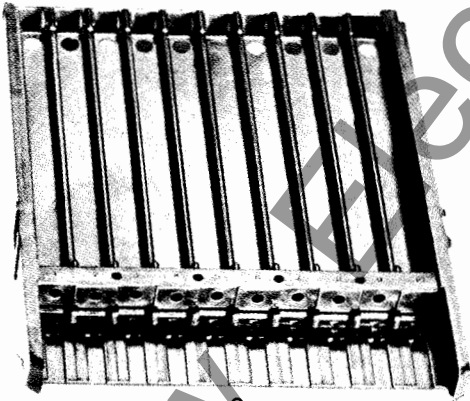
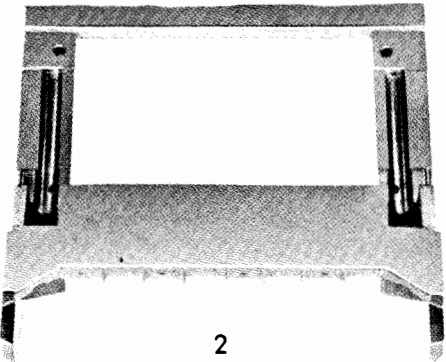
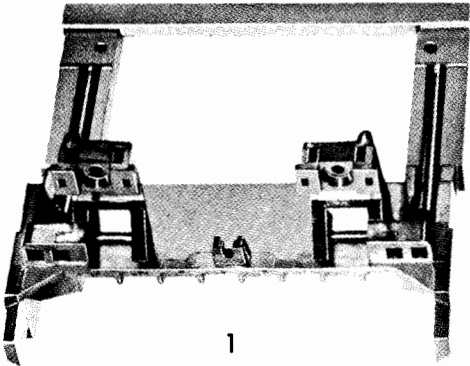
④ Buy from Minnesota Mining and Mfg. Co. # EC-870 in 5 ounce tube.

⑤ Glass dimensions: FT-11 (3 3/4 x 3 3/4); FT-21, 22 (4 3/4 x 6 5/8); FT-31, 32 (4 3/4 x 11 5/8); FT-41, 42 (4 3/4 x 14 5/8).

February, 1976

Supersedes RPD 41-076A1 dated September, 1973
E, D, C/2780

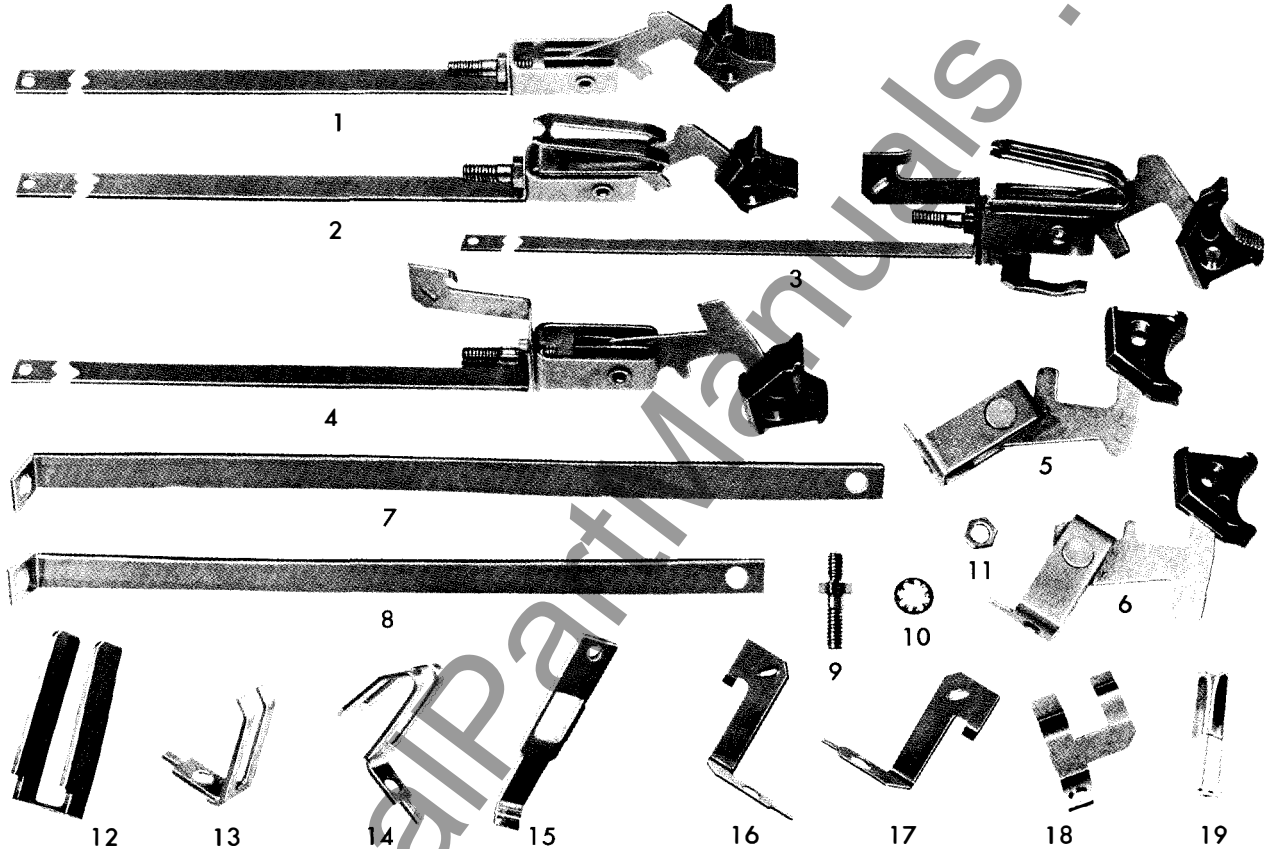
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Reference Number	Description of Part	Style Number
1	Switch jaw block insulation with pedestals.	55B6759G02
2	Switch jaw block insulation without pedestals.	1732 784
3	Switch blade block insulation.	1732 783
4	Terminal block@.....	1732 731
5	Gasket for terminal block.	1732 702
6	Terminal.	1732 711
7	Speed nut.	1731 016
8	Expansion nut.	1731 042
9	Self tapping screw.	1875 304
10-11	Switch blade and jaw kit assembly. ....	.....
A	Trip (red).....	3500A28G13
B	Potential (black).....	3500A28G09
C	Potential (black).....	3500A28G10
D	Trip (red).....	3500A28G14
E	Current SC (black).....	3500A28G11
F	Current SC (black).....	3500A28G12

@ Knock out holes as required.

Universal Flexitest®
Cases

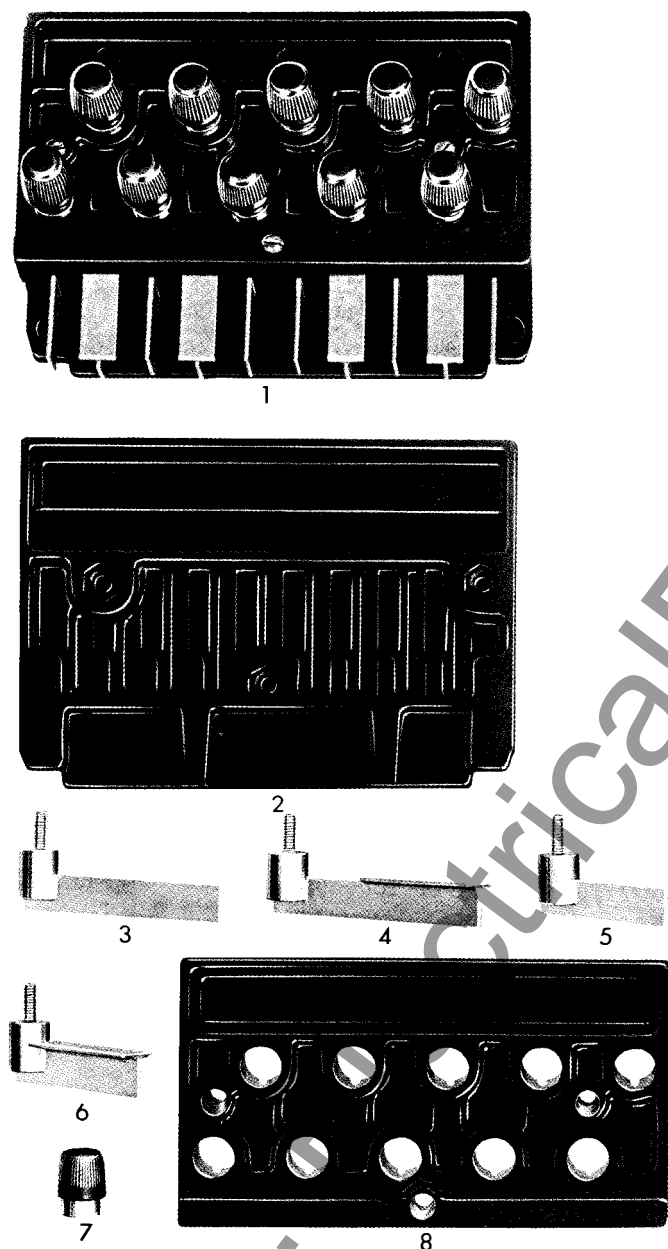


Reference Number	Description of Part	Style Number
⑦	Switch blade with short connector strap – red handle.....	53C9059G08
⑦	Switch blade with short connector strap – black handle.....	53C9059G09
⑧	Switch blade with long connector strap – black handle.....	53C9059G10
⑧	Switch blade with long connector strap – red handle.....	53C9059G11
⑨	Switch blade with long connector strap and current jack spring – black handle.....	53C9059G14
⑩	Switch blade with short connector strap and current jack spring – black handle.....	288B721G01
⑨	Switch blade with long connector strap, auxiliary short circuit spring and current jack spring – black handle.....	53C9059G12
⑩	Switch blade with short connector strap and auxiliary short circuit spring – black handle.....	53C9059G13
5	Switch blade and hinge assembly tapped – with black handle.....	53C9041G08
5	Switch blade and hinge assembly tapped – with red handle.....	53C9041G07
5	Switch blade and hinge assembly not tapped – with black handle.....	53C9041G09
6	Switch blade and hinge assembly tapped – with black handle.....	53C9041G05
7	Connector strap – long.....	1732 753
8	Connector strap – short.....	1732 752
9	Stud.....	1732 713
10	Shakeproof washer.....	109A953H06
11	Nut for stud.....	1155 351
12	Barrier – long (2.05 inch) for switch blades – all except top block FT-22....	184A217H01
12	Barrier – short (1.8 inch) for switch blades – FT-22 top block only.....	184A380H01
12	Barrier – short (1.4 inch) for switch jaw block only.....	1732 703
⑩	L-shaped barrier for switch jaw block (5000 volt insulation only).....	183A452H01
13	Current jack connector (for switch jaw block).....	184A277H01
14	Current jack spring – not tapped.....	184A244H01
14	Current jack spring – tapped.....	184A244H02
15	Connector clip.....	1732 710
16	Contact spring, left, front view.....	1732 721
17	Contact spring, right, front view.....	1732 722
18	Short circuit spring, blade operated short-circuiting switch.....	187A704H01
19	Switch jaw.....	1732 706

- ⑦ Used in block positions 2-4-6-8-10.
 ⑧ Used in block positions 1-3-5-7-9.
 ⑨ Used in block positions 3-5-7-9.
 ⑩ Used in block positions 2-4-6-8.
 ⑪ Not illustrated.

Universal Flexitest® Cases

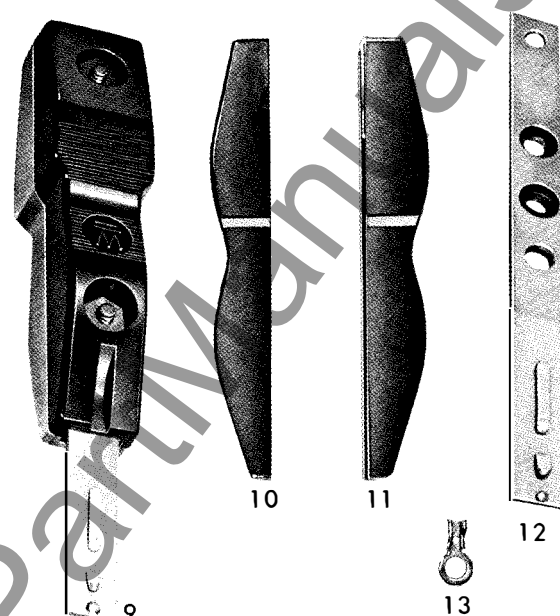
Renewal Parts for Ten-Circuit Test Plug



Reference Number	Description of Part	Style Number
1	Ten-circuit test plug.....	1164 046
2	Bottom insulation.....	1340 791
3	Stud and blade, long.....	1537 729
4	Stud and blade, t-shaped, long.....	1537 731
5	Stud and blade, short.....	1537 728
6	Stud and blade, t-shaped, short.....	1537 730
7	Nut.....	1725 785
8	Top insulation.....	1340 792

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

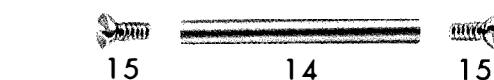
Renewal Parts for Ammeter Test Plug



Reference Number	Description of Part	Style Number
9	Ammeter test plug.....	07B4618G04
10	Insulation, black.....	01C6115H03
11	Insulation, red.....	01C6115H04
12	Blade assembly.....	07B4618G03
13	Terminal clip.....	324 091

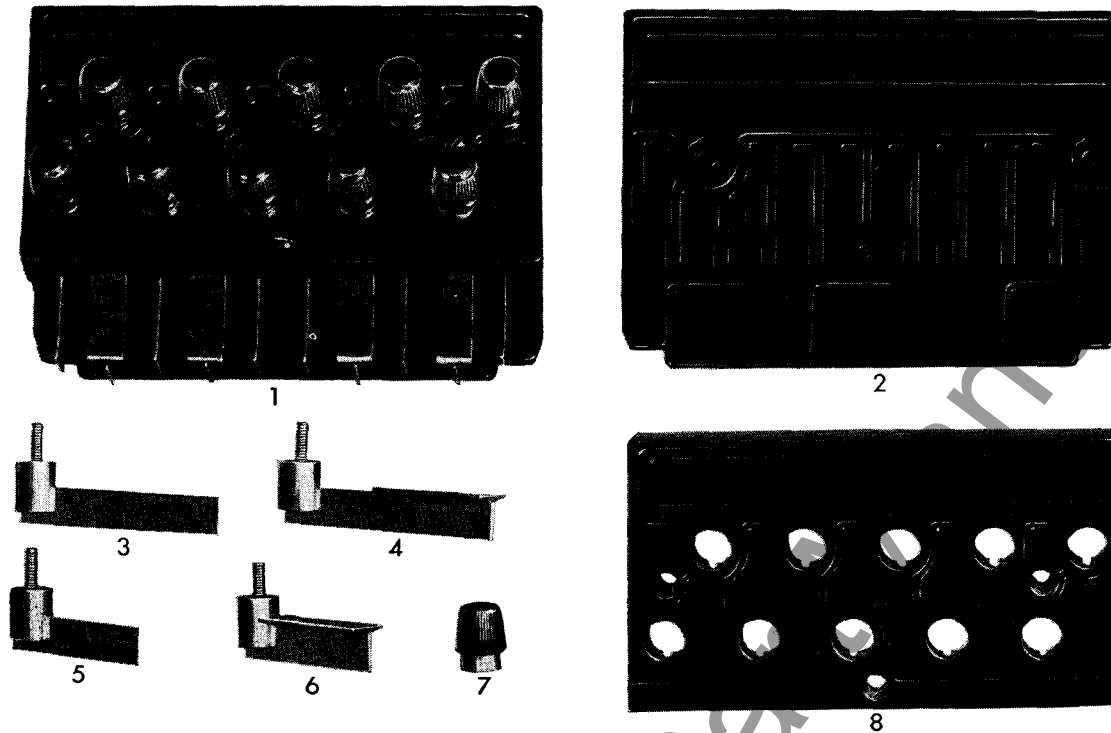
Parts indented are included in the part under which they are indented.

Renewal Parts for Interlocking Bar for Switch



Reference Number	Description of Part	Style Number
14	Tie bar - 2-switch blade.....	1270 537
14	Tie bar - 3-switch blade.....	1270 538
14	Tie Bar - 4-switch blade.....	1340 225
15	.112-40 x 1/4 flat head steel machine screw...	877A525H03

renewal parts for ten-circuit test plug



reference number	description of part	style number
1	ten-circuit test plug	1164 046
2	bottom insulation	1340 791
3	stud and blade, long	1537 729
4	stud and blade, t-shaped, long	1537 731
5	stud and blade, short	1537 728
6	stud and blade, t-shaped, short	1537 730
7	nut	1267 468
8	top insulation	1340 792

parts indented are included in the part under which they are indented

renewal parts for ammeter test plug

reference number	description of part	style number
9	ammeter test plug	07B4618G04
10	insulation, black	1267 574
11	insulation, red	1267 611
12	blade assembly	07B4618G03
13	terminal clip	324 091

parts indented are included in the part under which they are indented



renewal parts for interlocking bar for switch

reference number	description of part	style number
14	tie bar—2-switch blade	1270 537
14	tie bar—3-switch blade	1270 538
14	tie bar—4-switch blade	1340 225
15	.112-40 x 1/4 flat head steel machine screw, finish 46AE03	std. hdwr.



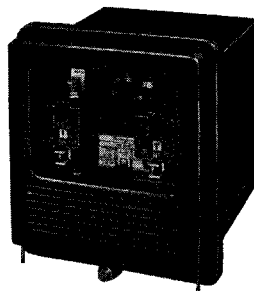
universal Flexitest® cases **types FT-11, 21, 22, 31, 32, 41, 42**

renewal
parts data

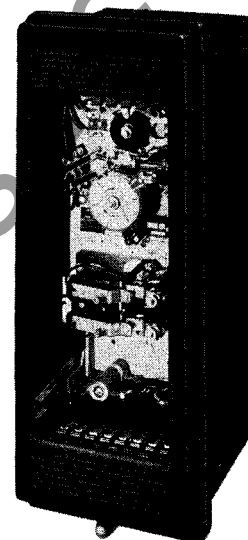
41-076A1

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type FT-11

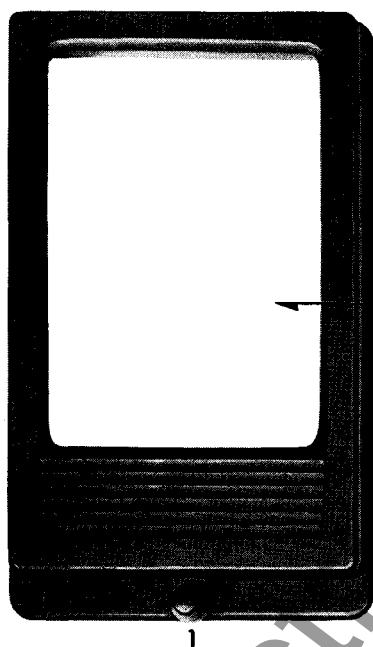


type FT-32



ordering information

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



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reference number	description of part	style number of part			
		type FT-11	FT-21, FT-22	FT-31, FT-32	FT-41, FT-42
1	cover assembly	□	□	□	□
2	window glass (for dimensions see footnote)	1730 645	1730 647	1875 690	1730 646
3	gasket	1875 022	1875 023	1875 024	1875 025
4	hinge	52D6292H02	52D6292H02	52D6292H02	52D6292H02
5	reset lever	□	□	□	□
6	reset clip	1731 012	1731 012	1731 012	1731 012
7	screw for hinge and reset clip	57D4483H03	57D4483H03	57D4483H03	57D4483H03
8	clip to hold glass	184A258H01	184A258H01	184A258H01	184A258H01
△	cement used to cement glass to cover	◇	◇	◇	◇
△	screw for glass clip #4 x 3/16 round head steel sheet metal screw, finish 22AA03 [△]	●	●	●	●

Parts indented are included in the part under which they are indented

△ not illustrated △ nickel plated finish

□ when ordering, specify style and type of relay for which part is required

◇ Buy from Minnesota Mining and Mfg. Co. #EC-870 in 5 ounce tube

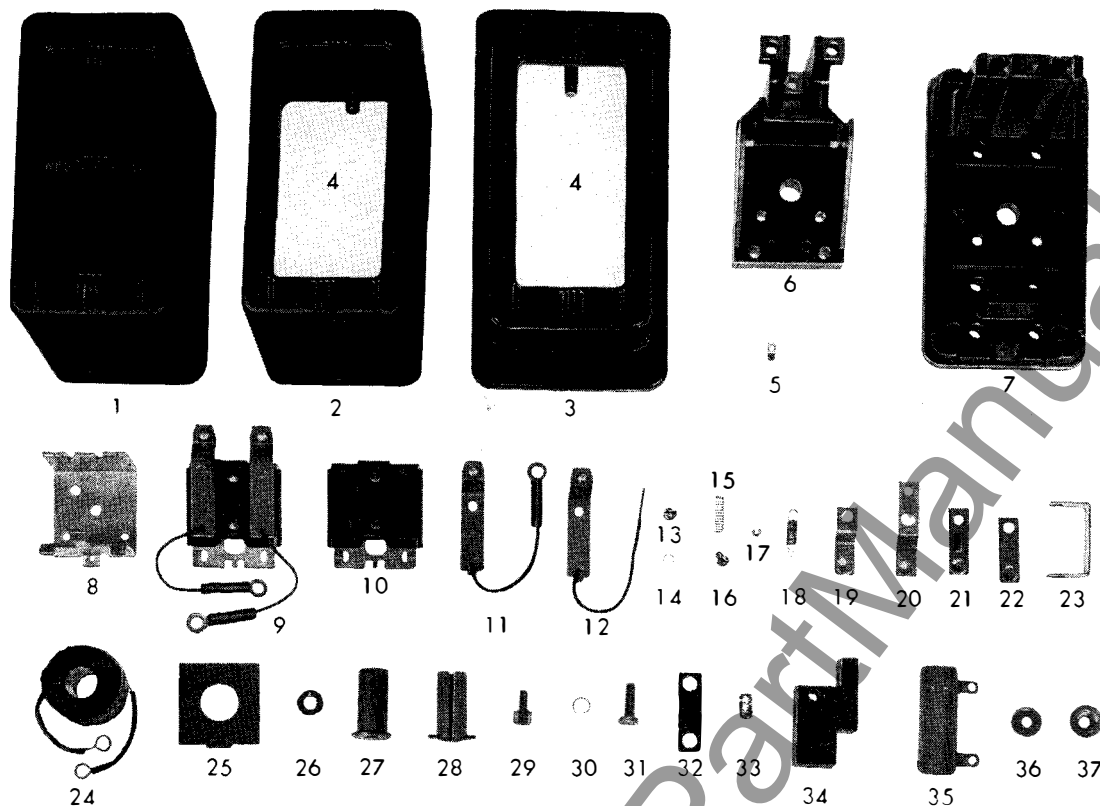
■ glass dimensions: FT-11 (3 3/4 x 3 3/4); FT-21, 22 (4 3/4 x 6 1/4); FT-31, 32 (4 3/4 x 11 1/4); FT-41, 42 (4 3/4 x 14 1/4)

● order by complete description

March, 1961

supersedes rpd 41-076A1 dated July, 1959

mailed to: E/671; D65-6A; C/551



reference number	description of part	style number of part		
		closed type relays molded case	open type relay special application	open and Flexitest case relays
1	cover for projection relays.	876 718		
2	cover for projection relays with window	876 270		
3	cover for semi-flush relays with window	1537 707		
4	glass	836 171		
5	clips	838 123		
6	base		1335 570	821 999
7	base for semi-flush relays.	02B1377G05		
7	base for projection relays.	02B1377G04		
8	yoke	1340 454	668 593	1340 454
★9	armature complete	1163 647	56B0980G01	1163 647
10	armature block	1543 718	1544 940	1543 718
11	moving contact and lead	1725 270‡	1725 270*	1725 270‡
12	moving contact and lead		1726 341*	
13	bushing through contact arm	1008 223	1008 223	1008 223
14	spring between contact arm and armature	1001 025	1001 025	1001 025
15	spring between contact arm and front bushing	1000 826	1000 826	1000 826
16	bushing between spring and clip washer	1537 773	1537 773	1537 773
17	clip washer	1537 799	1537 799	1537 799
18	spring for armature, DPDT	1156 399	1000 998	1156 399
18	spring for armature, reversible contacts			1000 998
★19	stationary contact, reversible, DPST		1008 711‡	1008 711‡
★20	stationary contact, make, DPDT			1537 701‡
★21	stationary contact, break, DPDT			1537 702‡
★22	stationary contact, make, DPDT	01D2107G01‡		
★23	stationary contact, break, DPDT	1102 942‡		
★24	operating coil	see pg 1	see pg 1	see pg 1
25	insulation	1275 103	1275 103	1275 103
26	washer between core and yoke, a-c relays	935 765	935 765	935 765
27	core, d-c relays	1008 224	1008 224	1008 224
28	core, a-c relays	1008 225	1008 225	1008 225
29	stud to hold core to yoke	836 180		
30	spring washer for terminals	1102 940		
31	terminal screw		837 321	837 321
32	spacer			1275 102
33	bushing			1545 590
34	block for mounting resistor		1002 516	
35	resistor, 2350 ohms		1267 292	
35	resistor, 1400 ohms		407 282	
36	mica washer		1201 886	
37	centering washer		1202 559	

parts indented are included in the part under which they are indented

† see page 1 ★ recommended for stock • one per unit ‡ two per unit

Westinghouse Electric Corporation

relay dept: meter division • Newark plant • Newark, N. J.

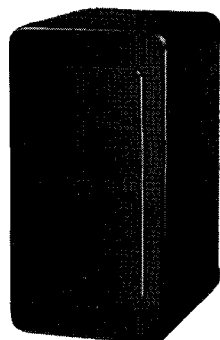
printed in U.S.A.



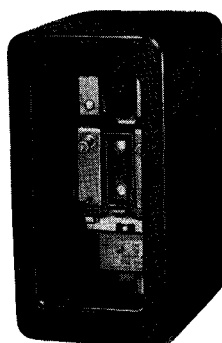
auxiliary relays type SG

renewal
parts data
41-751A1
page 1

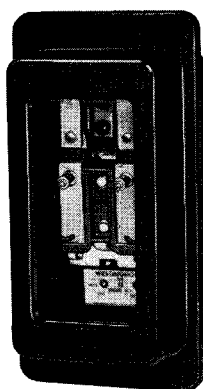
closed type relays



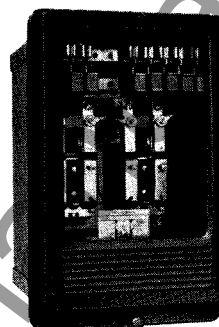
projection



projection with
window

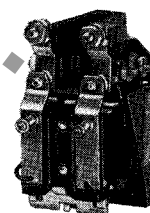


semi-flush with
window

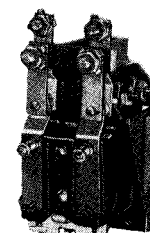


Flexitest universal
case FT-22

open type relays



two reversible
contacts



two make and two
break contacts

rating	style number of relay					style number of operating coil	
	closed type relays, DPDT					open type relays	
	molded case relays			Flexitest case relays		DPST reversible contacts	DPDT
	projection	projection with window	semi-flush with window	single unit FT-11 case	double unit FT-22 case		

direct current

1 amp	1157 848	1162 959	1342 932	1878 755	1955 556	1157 852	1875 946	1059 282
2 amp	1729 023	1729 024	1729 025	1878 756	1955 557	1729 026	1729 027	1059 283
3 amp	1157 849	1162 960	1342 933	1878 757	1955 558	1157 853	1875 947	1059 284
4 amp	1956 249	1956 253	1956 257	1878 758	1956 447	1956 261	1956 245	1059 285
5 amp	1157 850	1162 961	1342 934	1878 759	1955 559	1157 854	1875 948	1059 286
6 volts	1343 116	1340 082	1343 117	1878 760	1955 560	1338 226	1340 727	1008 511
12 volts	1155 686	1162 949	1343 118	1878 761	1955 561	1059 230	1205 619	1008 514
24 volts	1155 687	1162 950	1342 923	1878 762	1955 562	1059 231	1205 620	1008 517
32 volts	1729 011	1729 012	1729 013	1878 763	1955 563	1729 014	1729 015	1008 518
48 volts	1155 688	1162 951	1342 924	1878 764	1955 564	1008 534	1205 612	1008 520
62.5 volts	1729 017	1729 018	1729 019	1878 765	1955 565	1729 020	1729 021	1008 521
125 volts	1155 689	1162 952	1342 925	1878 766	1955 566	1008 535	1161 540	1008 524
250 volts	1343 088	1343 089	1343 090	1878 767	1955 567	1337 424	1210 936	1155 128

50 and 60 cycles a-c

12 volts	1956 250	1956 254	1956 258	1878 768	1955 568	1163 654	1956 246	1008 507
24 volts	1878 284	1878 285	1878 286	1878 769	1955 569	1337 364	1878 282	1008 510
90 volts	1956 251	1956 255	1956 259	1878 770	1955 570	1537 212	1956 247	1008 516
115 volts	1155 693	1162 956	1342 929	1878 771	1955 571	1008 539	1205 616	1008 517
115 volts	.....	.....	.....	.....	.....	.....	1055 831	1008 517
208 volts	1726 053	1726 054	1726 055	1878 772	1955 572	1726 056	1726 057	1009 785
208 volts	.....	.....	.....	.....	.....	1009 017+	.....	1008 519
230 volts	1155 694	1162 957	1342 930	1878 773	1955 573	1008 540	1205 617	1008 520
266 volts	.....	.....	.....	.....	.....	1267 952+	.....	1008 520
275 volts	1956 252	1956 256	1956 260	1878 774	1955 574	1003 884	1956 248	1003 885
460 volts	1155 695	1162 958	1342 931	1878 775	1955 575	1008 541	1205 618	1008 523
575 volts	1725 778	1725 779	1725 780	1878 776	1955 576	1544 302	1725 781	1008 524

25 cycles a-c

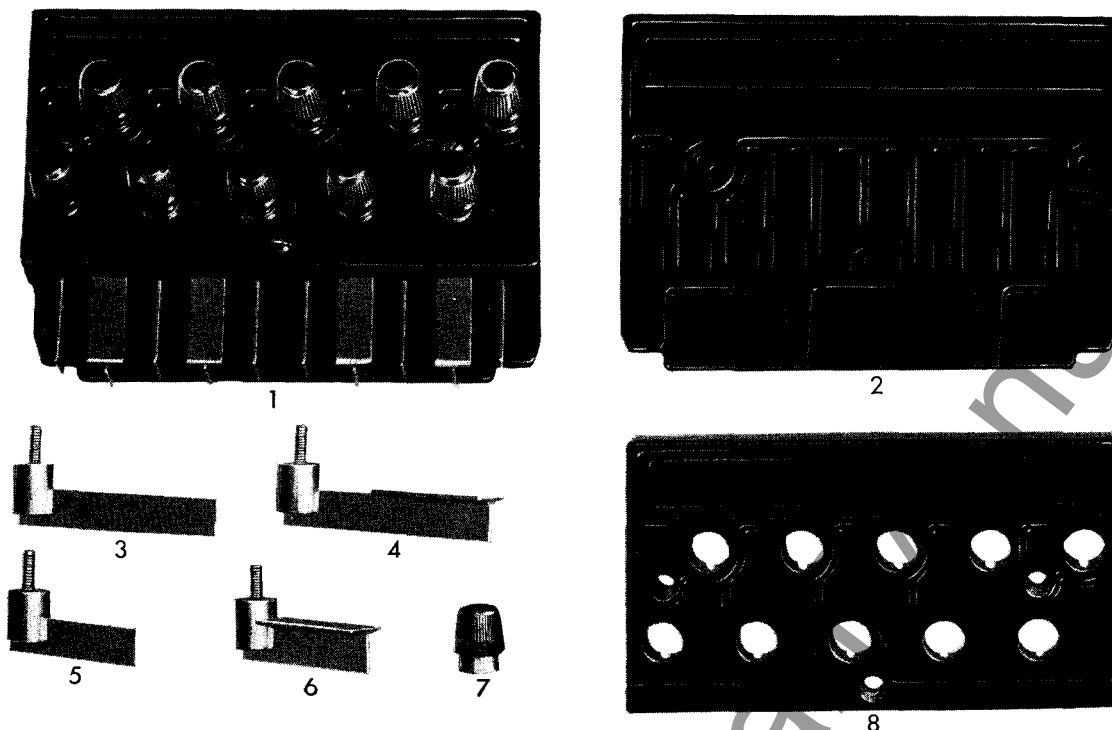
115 volts	1155 691	1162 954	1342 927	.....	.....	1008 537	1205 614	1008 519
230 volts	1155 692	1162 955	1342 928	.....	.....	1008 538	1205 615	1008 522

■ refer to RPD 41-076A1 for parts information on Flexitest cases
+ special application, 60 cycles, see col. 4, page 2
x two make, one break contacts, 60 cycles

December, 1959

supersedes rpd 41-751 A1 dated March, 1959
mailed to: E/688; D65-6A; C/604

renewal parts for ten-circuit test plug



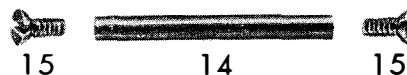
reference number	description of part	style number
1	ten-circuit test plug	1164 046
2	bottom insulation	1340 791
3	stud and blade, long	1537 729
4	stud and blade, t-shaped, long	1537 731
5	stud and blade, short	1537 728
6	stud and blade, t-shaped, short	1537 730
7	nut	1267 468
8	top insulation	1340 792

parts indented are included in the part under which they are indented

renewal parts for ammeter test plug

reference number	description of part	style number
9	ammeter test plug	07B4618G04
10	insulation, black	1267 574
11	insulation, red	1267 611
12	blade assembly	07B4618G03
13	terminal clip	324 091

parts indented are included in the part under which they are indented



renewal parts for interlocking bar for switch

reference number	description of part	style number
14	tie bar—2-switch blade	1270 537
14	tie bar—3-switch blade	1270 538
14	tie bar—4-switch blade	1340 225
15	.112-40 x 1/4 flat head steel machine screw, finish 46AE03	std. hdwr.



universal Flexitest cases types FT-11, 21, 22, 31, 32, 41, 42

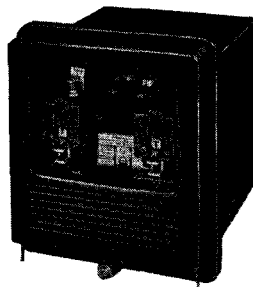
renewal
parts data

41-076A1

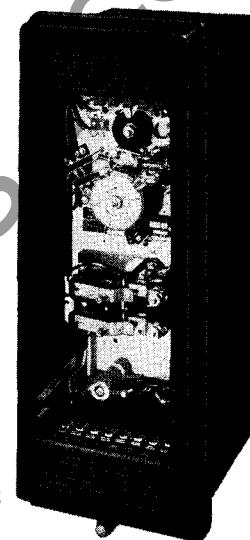
page 1

protective relays

type FT-11

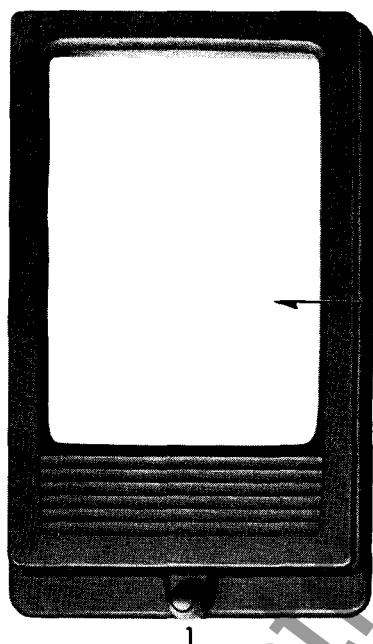


type FT-32



ordering information

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



1



3



4



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8

reference number	description of part	style number of part			
		type FT-11	FT-21, FT-22	FT-31, FT-32	FT-41, FT-42
1	cover assembly	□	□	□	□
2	window glass (for dimensions see footnote■)	1730 645	1730 647	1875 690	1730 646
3	gasket	1875 022	1875 023	1875 024	1875 025
4	hinge	52D6292H02	52D6292H02	52D6292H02	52D6292H02
5	reset lever	□	□	□	□
6	reset clip	1731 012	1731 012	1731 012	1731 012
7	screw for hinge and reset clip	57D4483H03	57D4483H03	57D4483H03	57D4483H03
8	clip to hold glass	184A258H01	184A258H01	184A258H01	184A258H01
△	cement used to cement glass to cover	◇	◇	◇	◇
△	screw for glass clip #4 x 3/16 round head steel sheet metal screw, finish 22AA03△	●	●	●	●

Parts indented are included in the part under which they are indented

△ not illustrated △ nickel plated finish

□ when ordering, specify style and type of relay for which part is required

◇ Buy from Minnesota Mining and Mfg. Co. #EC-870 in 5 ounce tube

■ glass dimensions: FT-11 (3 3/4 x 3 3/4); FT-21, 22 (4 3/4 x 6 5/8); FT-31, 32 (4 3/4 x 11 5/8); FT-41, 42 (4 3/4 x 14 3/4)

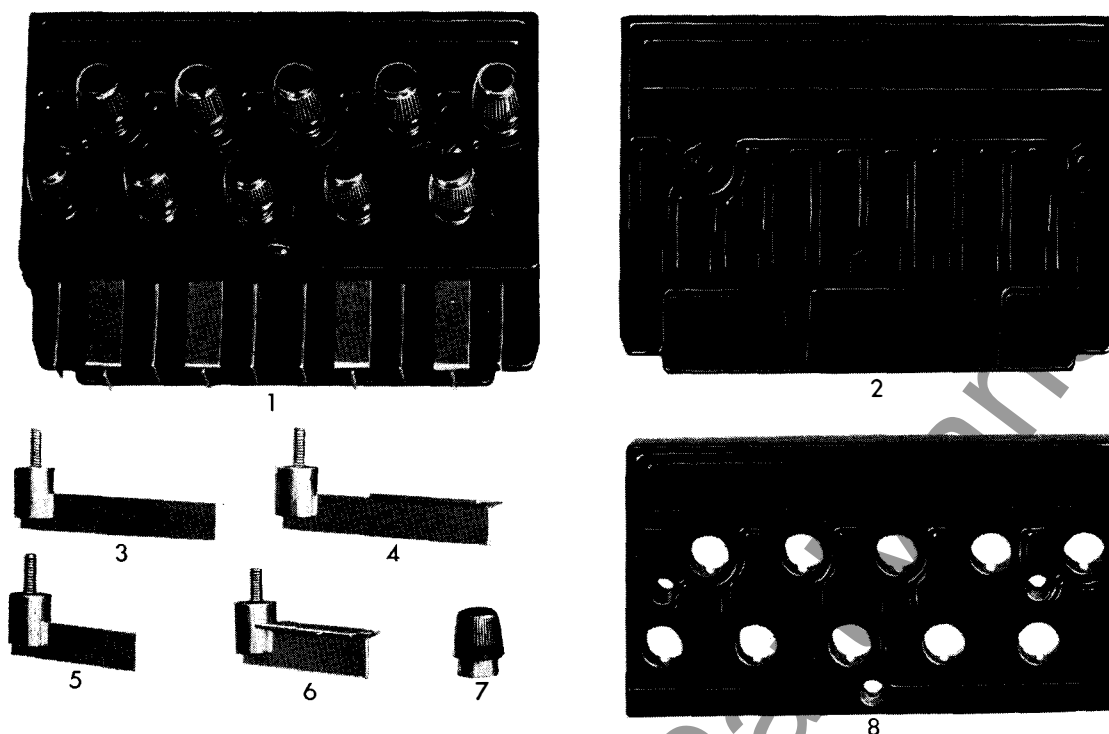
● order by complete description

July, 1959

supersedes rpd 41-076A1 dated February, 1957

mailed to: E/671; D65-6A; C/551

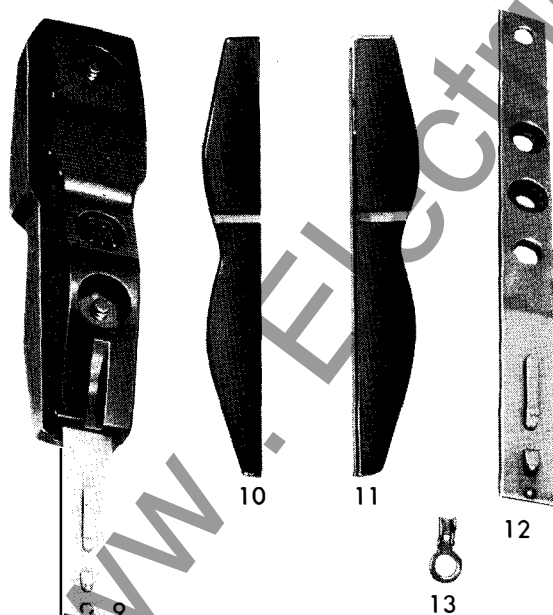
renewal parts for ten-circuit test plug



reference number	description of part	style number
1	ten-circuit test plug	1164 046
2	bottom insulation	1340 791
3	stud and blade, long	1537 729
4	stud and blade, t-shaped, long	1537 731
5	stud and blade, short	1537 728
6	stud and blade, t-shaped, short	1537 730
7	nut	1267 468
8	top insulation	1340 792

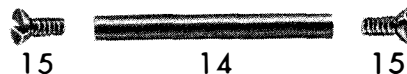
parts indented are included in the part under which they are indented

renewal parts for ammeter test plug



reference number	description of part	style number
9	ammeter test plug	07B4618G04
10	insulation, black	1267 574
11	insulation, red	1267 611
12	blade assembly	07B4618G03
13	terminal clip	324 091

parts indented are included in the part under which they are indented



renewal parts for interlocking bar for switch

reference number	description of part	style number
14	tie bar—2-switch blade	1270 537
14	tie bar—3-switch blade	1270 538
14	tie bar—4-switch blade	1340 225
15	.112-40 x 1/4 flat head steel machine screw, finish 46AE03	std. bdwr.



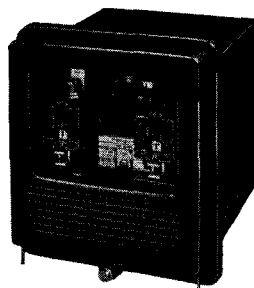
universal Flexitest® cases types FT-11, 21, 22, 31, 32, 41, 42

renewal
parts data

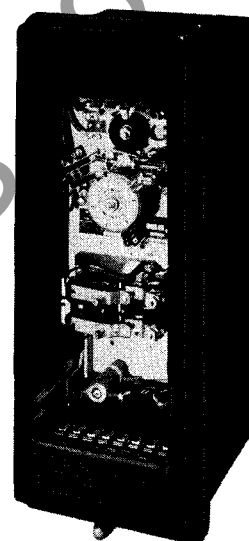
41-076A1

page 1

type FT-11

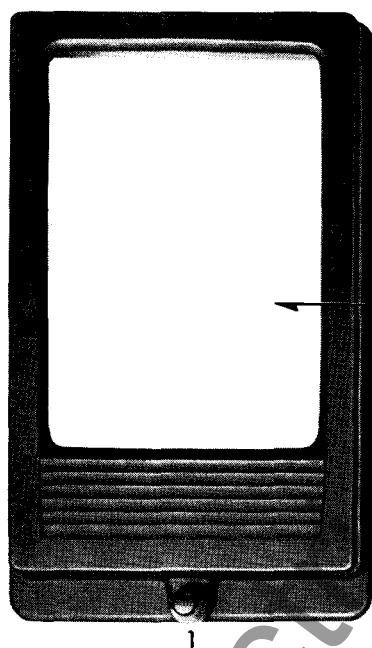


type FT-32



ordering information

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



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reference number	description of part	style number of part			
		type FT-11	FT-21, FT-22	FT-31, FT-32	FT-41, FT-42
1	cover assembly	□	□	□	□
2	window glass (for dimensions see footnote■)	1730 645	1730 647	1875 690	1730 646
3	gasket	1875 022	1875 023	1875 024	1875 025
4	hinge	52D6292H02	52D6292H02	52D6292H02	52D6292H02
5	reset lever	□	□	□	□
6	reset clip	1731 012	1731 012	1731 012	1731 012
7	screw for hinge and reset clip	57D4483H03	57D4483H03	57D4483H03	57D4483H03
8	clip to hold glass	184A258H01	184A258H01	184A258H01	184A258H01
△	cement used to cement glass to cover	◇	◇	◇	◇
■	screw for glass clip #4 x 3/16 round head steel sheet metal screw, finish 22AA03*	●	●	●	●

Parts indented are included in the part under which they are indented

△ not illustrated * nickel plated finish

□ when ordering, specify style and type of relay for which part is required

◇ Buy from Minnesota Mining and Mfg. Co. #EC-870 in 5 ounce tube

■ glass dimensions: FT-11 (3 3/4 x 3 3/4); FT-21, 22 (4 3/4 x 6 5/16); FT-31, 32 (4 3/4 x 11 5/16); FT-41, 42 (4 3/4 x 14 3/4)

● order by complete description

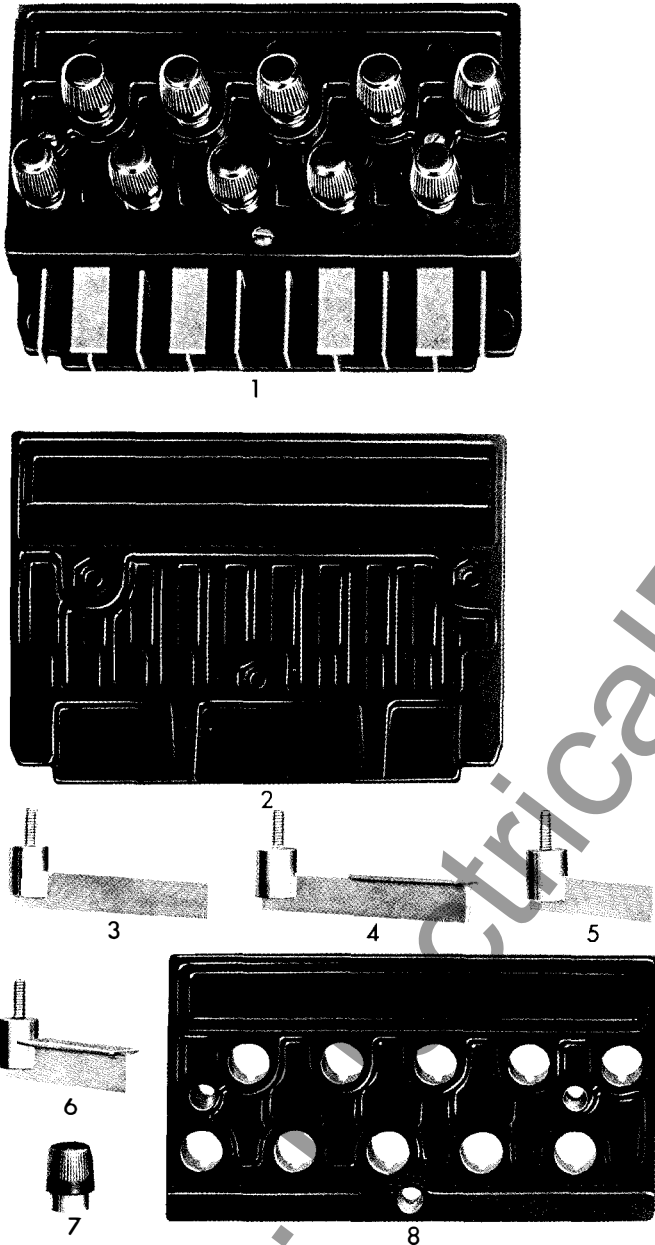
March, 1961

supersedes rpd 41-076A1 dated July, 1959

mailed to: E/671; D65-6A; C/551

Universal Flexitest®
Cases

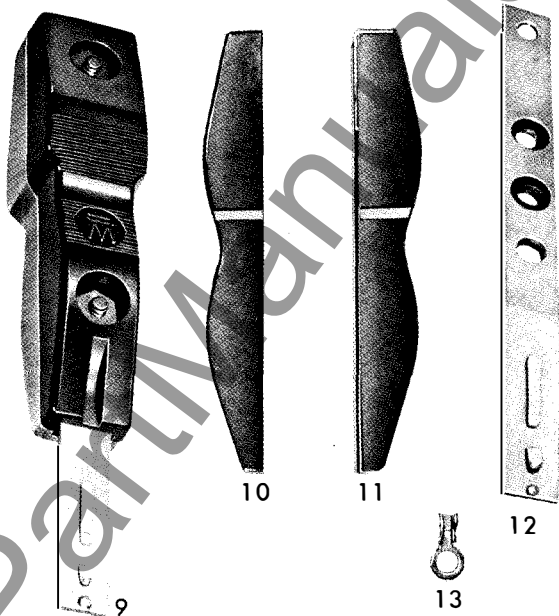
Renewal Parts for Ten-Circuit Test Plug



Reference Number	Description of Part	Style Number
1	Ten-circuit test plug.....	1164 046
2	Bottom insulation.....	1340 791
3	Stud and blade, long.....	1537 729
4	Stud and blade, t-shaped, long.....	1537 731
5	Stud and blade, short.....	1537 728
6	Stud and blade, t-shaped, short.....	1537 730
7	Nut.....	1725 785
8	Top insulation.....	1340 792

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

Renewal Parts for Ammeter Test Plug



Reference Number	Description of Part	Style Number
9	Ammeter test plug.....	07B4618G04
10	Insulation, black.....	01C6115H03
11	Insulation, red.....	01C6115H04
12	Blade assembly.....	07B4618G03
13	Terminal clip.....	324 091

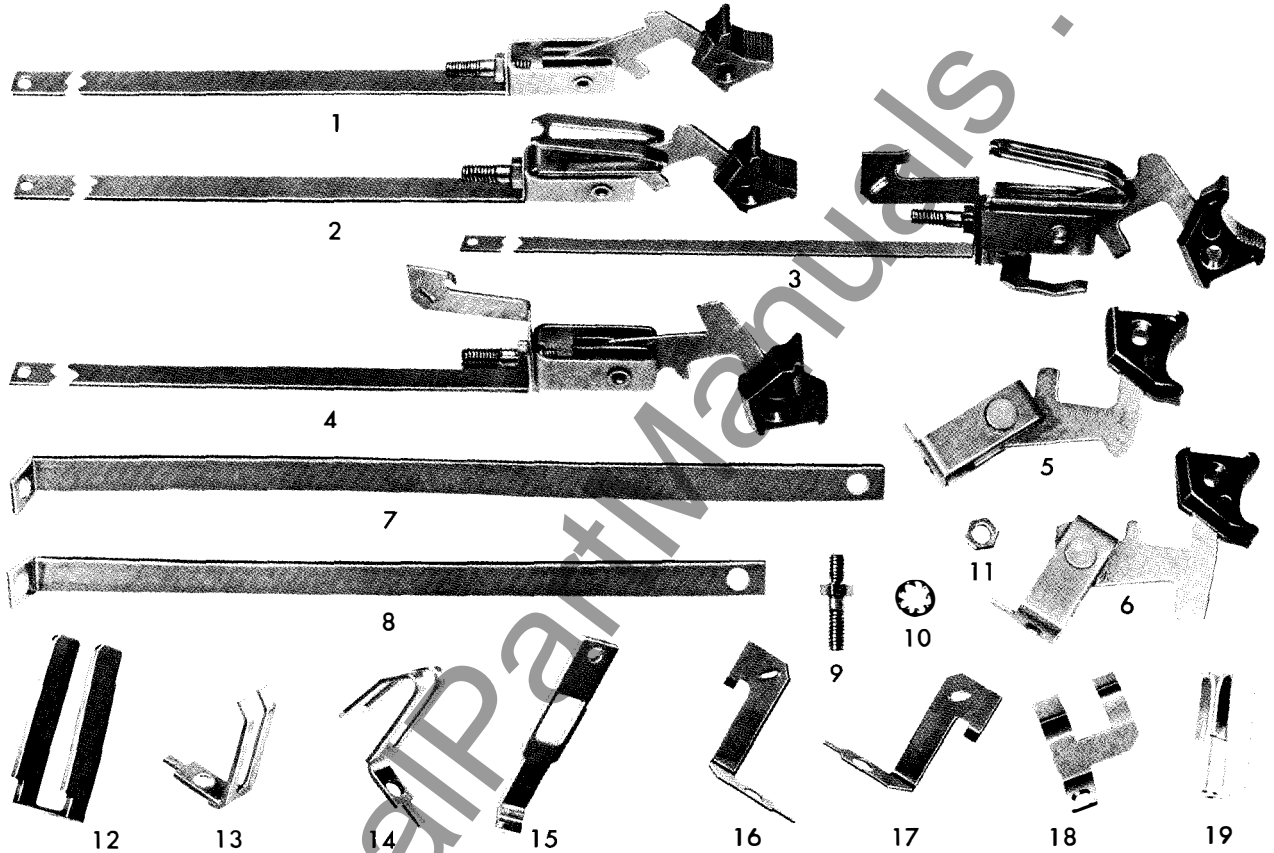
Parts indented are included in the part under which they are indented.

Renewal Parts for Interlocking Bar for Switch



Reference Number	Description of Part	Style Number
14	Tie bar - 2-switch blade.....	1270 537
14	Tie bar - 3-switch blade.....	1270 538
14	Tie Bar - 4-switch blade.....	1340 225
15	.112-40 x 1/4 flat head steel machine screw...	877A525H03

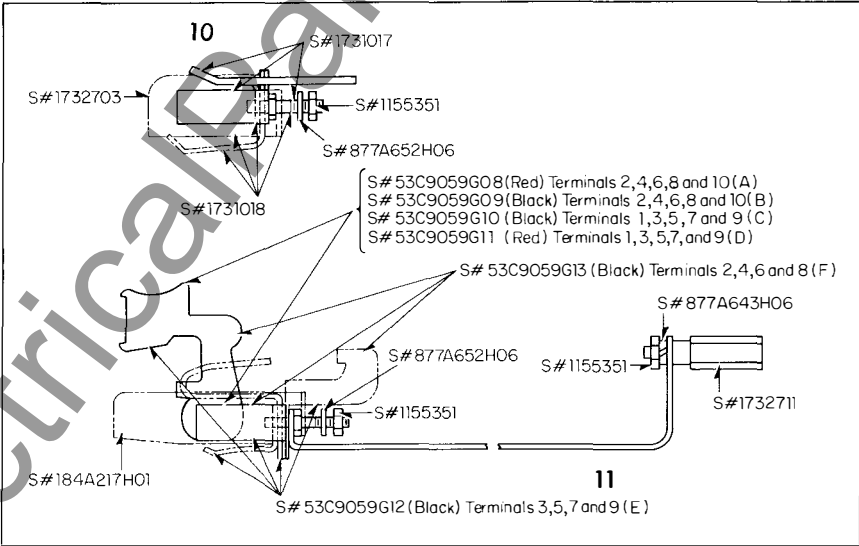
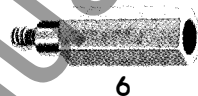
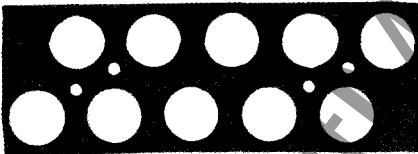
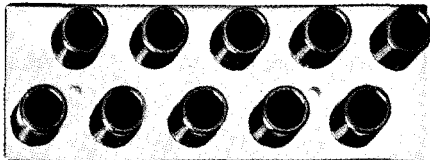
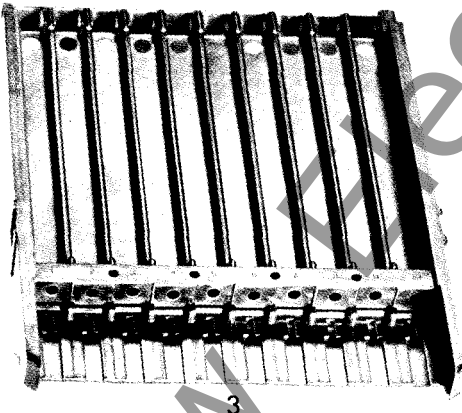
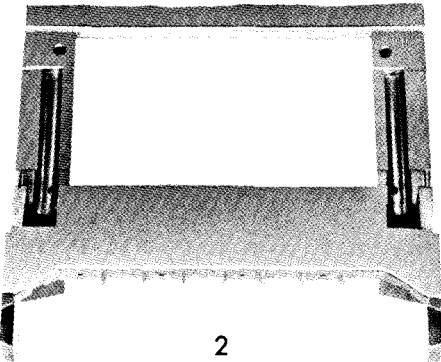
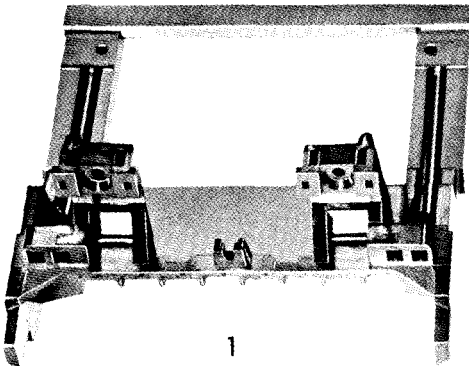
Universal Flexitest®
Cases



Reference Number	Description of Part	Style Number
⑦1	Switch blade with short connector strap – red handle.....	53C9059G08
⑦1	Switch blade with short connector strap – black handle.....	53C9059G09
⑧1	Switch blade with long connector strap – black handle.....	53C9059G10
⑧1	Switch blade with long connector strap – red handle.....	53C9059G11
⑨2	Switch blade with long connector strap and current jack spring – black handle.....	53C9059G14
⑩2	Switch blade with short connector strap and current jack spring – black handle.....	288B721G01
⑨3	Switch blade with long connector strap, auxiliary short circuit spring and current jack spring – black handle.....	53C9059G12
⑩4	Switch blade with short connector strap and auxiliary short circuit spring – black handle.....	53C9059G13
5	Switch blade and hinge assembly tapped – with black handle.....	53C9041G08
5	Switch blade and hinge assembly tapped – with red handle.....	53C9041G07
5	Switch blade and hinge assembly not tapped – with black handle.....	53C9041G09
6	Switch blade and hinge assembly tapped – with black handle.....	53C9041G05
7	Connector strap – long.....	1732 753
8	Connector strap – short.....	1732 752
9	Stud.....	1732 713
10	Shakeproof washer.....	109A953H06
11	Nut for stud.....	1155 351
12	Barrier – long (2.05 inch) for switch blades – all except top block FT-22.....	184A217H01
12	Barrier – short (1.8 inch) for switch blades – FT-22 top block only.....	184A380H01
12	Barrier – short (1.4 inch) for switch jaw block only.....	1732 703
⑩	L-shaped barrier for switch jaw block (5000 volt insulation only).....	183A452H01
13	Current jack connector (for switch jaw block).....	184A277H01
14	Current jack spring – not tapped.....	184A244H01
14	Current jack spring – tapped.....	184A244H02
15	Connector clip.....	1732 710
16	Contact spring, left, front view.....	1732 721
17	Contact spring, right, front view.....	1732 722
18	Short circuit spring, blade operated short-circuiting switch.....	187A704H01
19	Switch jaw.....	1732 706

- ⑦ Used in block positions 2-4-6-8-10.
⑧ Used in block positions 1-3-5-7-9.
⑨ Used in block positions 3-5-7-9.
⑩ Used in block positions 2-4-6-8.
⑪ Not illustrated.

Westinghouse



Reference Number	Description of Part	Style Number
1	Switch jaw block insulation with pedestals.	55B6759G02
2	Switch jaw block insulation without pedestals.	1732 784
3	Switch blade block insulation.	1732 783
4	Terminal block®.	1732 731
5	Gasket for terminal block.	1732 702
6	Terminal.	1732 711
7	Speed nut.	1731 016
8	Expansion nut.	1731 042
9	Self tapping screw.	1875 304
10-11	Switch blade and jaw kit assembly.	
A	Trip (red).	3500A28G13
B	Potential (black).	3500A28G09
C	Potential (black).	3500A28G10
D	Trip (red).	3500A28G14
E	Current SC (black).	3500A28G11
F	Current SC (black).	3500A28G12

® Knock out holes as required.

Westinghouse



Renewal Parts Data
41-076A1

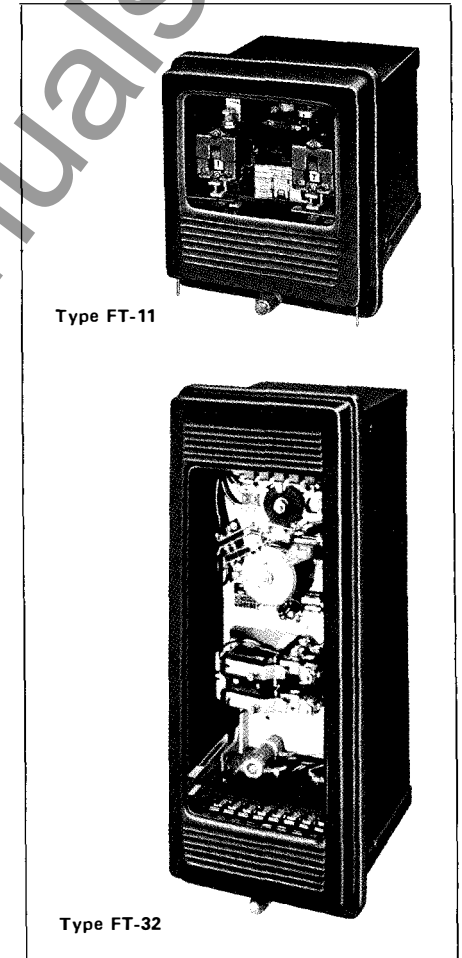
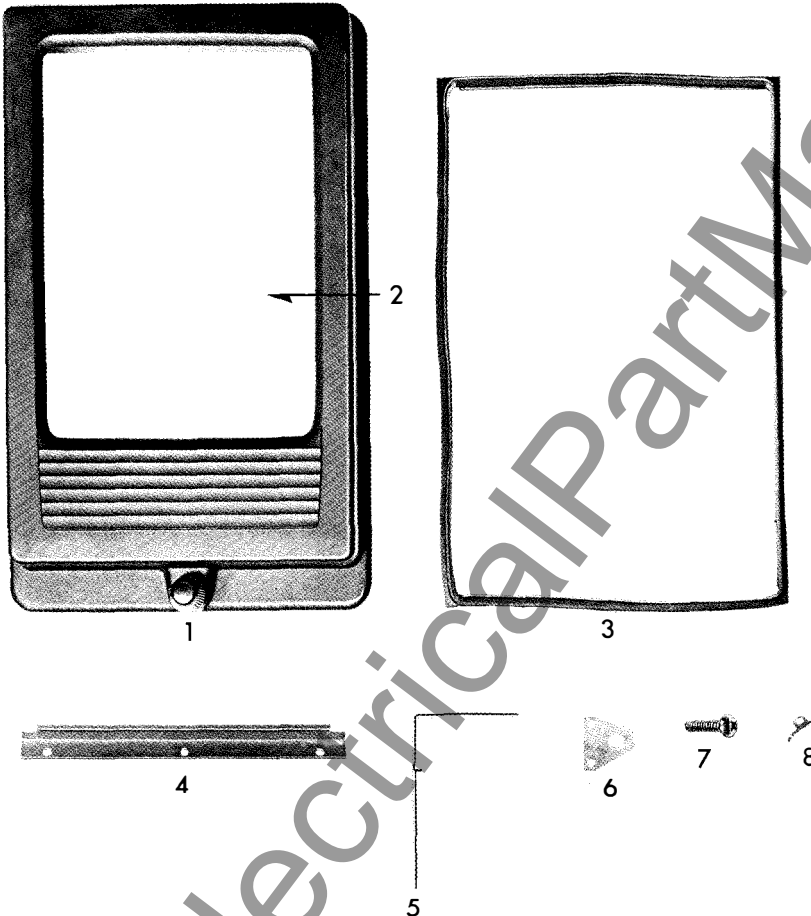
Page 1

Universal Flexitest®
Cases

Types FT-11, 21, 22, 31, 32, 41, 42

Ordering Information

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



Reference Number	Description of Part	Style Number of Part			
		Type FT-11	FT-21, FT-22	FT-31, FT-32	FT-41, FT-42
1	Cover assembly.....	③	③	③	③
2	Window glass (for dimensions see footnote ⑤).....	1730 645	1730 647	1875 690	1730 646
3	Gasket.....	1875 022	1875 023	1875 024	1875 025
4	Hinge.....	52D6292H03	52D6292H03	52D6292H03	52D6292H03
5	Reset lever.....	③	③	③	③
6	Washer to retain reset lever.....	877A649H02	877A649H02	877A649H02	877A649H02
7	Screw to retain reset lever.....	1875 313	1875 313	1875 313	1875 313
8	Screw for hinge.....	57D4483H03	57D4483H03	57D4483H03	57D4483H03
①	Clip to hold glass.....	184A258H01	184A258H01	184A258H01	184A258H01
①	Cement used to cement glass to cover.....	④	④	④	④
①	Screw for glass clip #4 x 3/8 round head steel sheet metal screw, finish 22AA03②.....	877A585H01	877A585H01	877A585H01	877A585H01

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

- ① Not illustrated. ② Nickel plated finish.
- ③ When ordering, specify style and type of relay for which part is required.
- ④ Buy from Minnesota Mining and Mfg. Co. # EC-870 in 5 ounce tube.
- ⑤ Glass dimensions: FT-11 (3 3/4 x 3 3/4); FT-21, 22 (4 3/4 x 6 3/4); FT-31, 32 (4 3/4 x 11 3/4); FT-41, 42 (4 3/4 x 14 3/4).