

POWER TRANSFORMER

TYPE PF107

PF107

MAY, 1958

Ferguson Type PF107 Power Transformer is designed to supply H.T. and L.T. power to large amplifiers, low power transmitters, and electronic equipment.

RATING

PRIMARY 230, 240V 50 cps.
H.T. SECONDARY 585V-0-585V 250 mA.
L.T. SECONDARIES 6.3V-3A, 6.3V-3A, 5V-3A

SCREENING

Electrostatic shield between windings.

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT 4-7/8 inches
WIDTH 3-7/8 inches
LENGTH (OVER COVERS) 5-3/4 inches
MOUNTING CENTRES 3-3/8 x 4 inches
MOUNTING HOLES 7/32 inch. dia.
APPROXIMATE WEIGHT 16-1/2 lbs.

COLOR CODE

PRIMARY 240V-Red, 230V-Green, Com-Black
H.T. SECONDARY 585V-Yellow, C.T.-Black, 585V-Yellow
L.T. SECONDARIES 6.3V-3A-Black and Yellow
 6.3V-3A-Black and Yellow
 5V-3A-Reds.
ELECTROSTATIC SHIELD Fine Cotton Covered.

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FERGUSON

POWER TRANSFORMER

TYPE PF130

PF130
MAY 1965

Ferguson Type PF130 Power Transformer is designed to supply H.T. and L.T. power to radio receivers, amplifiers and electronic equipment.

RATING

PRIMARY 230, 240V 50 cps.
H.T. SECONDARY 285V-0-285V 100 mA.
L.T. SECONDARIES 6.3V-2A C.T., 6.3V-2A
6.3V-tapped 5V-2A
EFFECTIVE H.T. SEC. IMP 110 ohms.

SCREENING

Electrostatic shield between windings.

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT 4-1/8 inches
WIDTH 3-1/4 inches
LENGTH (Over Covers) 4-1/8 inches
MOUNTING CENTRES 2-1/2 x 2-3/4 inches
MOUNTING SLOTS 7/32 x 7/16 inches
APPROXIMATE WEIGHT 6-1/2 lbs.

COLOUR CODE

PRIMARY 240V-Red, 230V-Green, Comm.-Black.
H.T. SECONDARY 285V-Yellow, C.T.-Blue, 285V-Yellow
L.T. SECONDARIES 6.3V-2A-Yellow Sleeves, C.T. - Blue Sleeve
6.3V-2A-Brown Sleeves
(6.3V-Orange Sleeve, 5V Tap-Green Sleeve
(Common - Red Sleeve

ELECTROSTATIC SHIELD Grey or Fine Cotton Covered.



POWER TRANSFORMER

PF140

TYPE PF140

SEPT. 1962

Ferguson Type PF140 Power Transformer is designed to supply H.T. and L.T. power to large radio receivers, amplifiers and electronic equipment.

RATING

PRIMARY 200, 230, 240V 50 cps.
H.T. SECONDARY 385-0-385V 200mA.
L.T. SECONDARIES 6.3V-3A C.T., 6.3V-3A, 5V-3A

SCREENING

Electrostatic shield between windings.

MOUNTING

Vertical side covers with mounting feet.

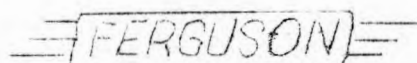
DIMENSIONS

HEIGHT 4-7/8 inches
WIDTH 3-7/8 inches
LENGTH (Over Covers) 4-3/4 inches
MOUNTING CENTRES 3-3/8 x 3 inches
MOUNTING HOLES 7/32 inch. dia.
APPROXIMATE WEIGHT 11-3/4 lbs.

COLOUR CODE

PRIMARY 240V-Red, 230V-Brown, 200V-White
COM.-Black
H. T. SECONDARY..... 385V-Yellow, C.T.-Blue, 385V-Yellow
L.T. SECONDARIES 6.3V-3A-Yellows, C.T.-Blue
6.3V-3A - Blacks
5V-3A - Reds
ELECTROSTATIC SHIELD Grey

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POWER TRANSFORMER

PF142

TYPE PF142

OCTOBER, 1959

Ferguson Type PF142 Power Transformer is designed to supply H.T. and L.T. power to radio receivers, amplifiers, and electronic equipment.

RATING

PRIMARY..... 230, 240V 50 cps.
H.T. SECONDARY 325V-0-325V 150 mA.
L.T. SECONDARIES 6.3V-2A C.T., 6.3V-2A
6.3V-tapped 5V-3A
EFFECTIVE H.T. SEC. IMP.. 70 Ohms

SCREENING

Electrostatic shield between windings.

MOUNTING

Vertical side covers with mounting feet.

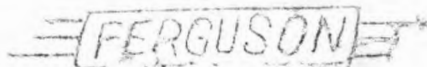
DIMENSIONS

HEIGHT 4-7/8 inches
WIDTH..... 3-7/8 inches
LENGTH (Over Covers) 4 inches
MOUNTING CENTRES 3-3/8 x 2-1/4 inches
MOUNTING HOLES 7/32 inch. dia.
APPROXIMATE WEIGHT 9 lbs.

COLOR CODE

PRIMARY.....240V-Red, 230V-Green, Common-Black
H.T. SECONDARY ..325V-Yellow, C.T.-Blue, 325V-Yellow
L.T. SECONDARIES.6.3V-2A-Yellow Sleeves,C.T.-Blue Sleeve
6.3V-2A-Brown Sleeves
(6.3V-Orange Sleeve,5V tap-Green Sleeve
(Common-Red Sleeve
ELECTROSTATIC SHIELD... Grey or Fine Cotton Covered

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POWER TRANSFORMER

PF151

TYPE PF151

OCTOBER, 1959

Ferguson Type PF151 Power Transformer is designed to supply H.T. and L.T. power to radio receivers, amplifiers and electronic equipment.

RATING

PRIMARY 230, 240V 50 cps.
H.T. SECONDARY 285V-0-285V 60 mA.
L.T. SECONDARIES 6.3V-2A C.T.
6.3V-tapped 5V-2A
EFFECTIVE H.T. SEC. IMP. 255 Ohms

SCREENING

Electrostatic shield between windings.

MOUNTING

Vertical side covers with integral mounting feet.

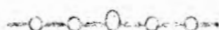
DIMENSIONS

HEIGHT 4-1/8 inches
WIDTH 3-1/4 inches
LENGTH (Over Covers) 3-1/4 inches
MOUNTING CENTRES 2-1/2 x 1-7/8 inches
MOUNTING SLOTS 7/32 x 7/16 inches
APPROXIMATE WEIGHT 4-1/4 lbs.

COLOR CODE

PRIMARY..... 240V-Red, 230V-Green, Com.-Black
H.T. SECONDARY .. 285V-Yellow, C.T.-Blue, 285V-Yellow
L.T. SECONDARIES. 6.3V-2A-Yellow Sleeves, C.T.-Blue Sleeve
(6.3V-Orange Sleeve, 5V tap-Green Sleeve
(Common - Red Sleeve

ELECTROSTATIC SHIELD Grey or Blue Cotton Covered



FERGUSON

POWER TRANSFORMER

PF152

TYPE PF152

OCTOBER, 1959

Ferguson Type PF152 Power Transformer is designed to supply H.T. and L.T. power to radio receivers, amplifiers and electronic equipment.

RATING

PRIMARY 230, 240V 50 cps.
H.T. SECONDARY 285V-0-285V 125 mA.
L.T. SECONDARIES 6.3V-3A C.T., 6.3V-2A
6.3V-tapped 5V-2A
EFFECTIVE H.T. SEC. IMP. 105 Ohms

SCREENING

Electrostatic shield between windings.

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT 4-7/8 inches
WIDTH 3-7/8 inches
LENGTH (Over Covers) 3-1/2 inches
MOUNTING CENTRES 3-3/8 x 1-3/4 inches
MOUNTING HOLES 7/32 inch. dia.
APPROXIMATE WEIGHT 6-3/4 lbs.

COLOR CODE

PRIMARY..... 240V-Red, 230V-Green, Com-Black
H.T. SECONDARY ... 285V-Yellow, C.T.-Blue, 285V-Yellow
L.T. SECONDARIES.. 6.3V-3A-Yellow Sleeves, C.T.-Blue Sleeve
6.3V-2A-Brown Sleeves
(6.3V-Orange Sleeve, 5V tap-Green Sleeve
(Common - Red Sleeve

ELECTROSTATIC SHIELD Grey or Fine Cotton Covered



POWER TRANSFORMER

PF160

TYPE PF160

FEBRUARY, 1963

FERGUSON Type PF160 Power Transformer is designed to supply H.T. and L.T. Power to radio receivers, amplifiers and electronic equipment.

RATING

PRIMARY 230, 240V 50 cps.
H.T. SECONDARY..... 385V-0-385V 100 mA.
L.T. SECONDARIES..... 6.3V-2.5A C.T., 6.3V-2A, 5V-2A.
EFFECTIVE H.T. SEC. IMP.... 145 ohms per anode,

SCREENING

Electrostatic Shield between windings.

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT 4 - 7/8 inches.
WIDTH (W) 3 - 7/8 inches
LENGTH (Over Covers) (L)..... 3 - 1/2 inches
MOUNTING CENTRES 3 - 3/8 (W) x 1 3/4 (L)
inches.
MOUNTING HOLES 7/32 inch. dia.
APPROXIMATE WEIGHT..... 6 - 3/4 lbs.

COLOR CODE

PRIMARY..... 240V-Red, 230V-Green, Com. - Black
H.T. SECONDARY..... 385V - Yellow, C.T.- Blue, 385V - Yellow.
L.T. SECONDARIES... 6.3V-2.5A Yellow Sleeves, C.T. Blue Sleeve
6.3V-2A Brown Sleeves
5V-2A-Red Sleeves
ELECTROSTATIC SHIELD -- Grey



POWER TRANSFORMER

PF163

TYPE PF163

OCTOBER, 1959.

Ferguson Type PF163 Power Transformer is designed to supply H.T. and L.T. power to radio receivers, amplifiers, and electronic equipment.

RATING

PRIMARY 230, 240V 50 cps.
H.T. SECONDARY 325V-0-325V 125 mA.
L.T. SECONDARIES 6.3V-2.5A C.T., 6.3V-2A
6.3V-tapped 5V-2A
EFFECTIVE H.T. SEC. IMP 120 Ohms

SCREENING

Electrostatic shield between windings.

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT 4-7/8 inches
WIDTH 3-7/8 inches
LENGTH (Over Covers) 3-3/4 inches
MOUNTING CENTRES 3-3/8 x 2 inches
MOUNTING HOLES 7/32 inch. dia.
APPROXIMATE WEIGHT 7-3/4 lbs.

COLOR CODE

PRIMARY 240V-Red, 230V-Green, Com-Black
H.T. SECONDARY .. 325V-Yellow, C.T.-Blue, 325V-Yellow
L.T. SECONDARIES. 6.3V-2.5A-Yellow Sleeves, C.T.-Blue Sleeve
6.3V-2A-Brown Sleeves
(6.3V-Orange Sleeve, 5V tap-Green Sleeve
(Common -- Red Sleeve

ELECTROSTATIC SHIELD Grey or Fine Cotton Covered

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POWER TRANSFORMER

PF164

TYPE PF164

OCTOBER, 1959.

Ferguson Type PF164 Power Transformer is designed to supply H.T. and L.T. power to radio receivers, amplifiers and electronic equipment.

RATING

PRIMARY 230V, 240V 50 cps.
H.T. SECONDARY 325V-0-325V 100 mA.
L.T. SECONDARIES 6.3V-2A-C.T., 6.3V-2A
6.3V-tapped 5V-2A
EFFECTIVE H.T. SEC. IMP 145 Ohms

SCREENING

Electrostatic shield between windings.

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT 4-7/8 inches
WIDTH 3-7/8 inches
LENGTH (Over Covers) 3-1/2 inches
MOUNTING CENTRES 3-3/8 x 1-3/4 inches
MOUNTING HOLES 7/32 inch. dia.
APPROXIMATE WEIGHT 6-3/4 lbs.

COLOR CODE

PRIMARY 240V-Red, 230V-Green, Com-Black
H.T. SECONDARY ... 325V-Yellow, C.T.-Blue, 325V-Yellow
L.T. SECONDARIES.. 6.3V-2A-Yellow Sleeves, C.T.-Blue Sleeve
6.3V-2A-Brown Sleeves
6.3V-Orange Sleeve, 5V tap-Green Sleeve
Common - Red Sleeve
ELECTROSTATIC SHIELD Grey or Fine Cotton Covered

FERGUSON

POWER TRANSFORMER

PF165

TYPE PF165

OCTOBER, 1959

Ferguson Type PF165 Power Transformer is designed to supply H.T. and L.T. power to radio receivers, amplifiers and electronic equipment.

RATING

PRIMARY 230, 240V 50 cps.
H.T. SECONDARY 385V-0-385V 60 mA.
L.T. SECONDARIES 6.3V-2A- C.T. 5V-2A
EFFECTIVE H.T. SEC. IMP. 295 Ohms

SCREENING

Electrostatic shield between windings.

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT 4-1/8 inches
WIDTH 3-1/4 inches
LENGTH (Over Covers) 3-5/8 inches
MOUNTING CENTRES 2-1/2 x 2-1/4 inches
MOUNTING SLOTS 7/32 x 7/16 inches
APPROXIMATE WEIGHT 5-1/2 lbs.

COLOR CODE

PRIMARY..... 240V-Red, 230V-Green, Com-Black
H.T. SECONDARY ... 385V-Yellow,C.T.-Blue, 385V-Yellow
L.T. SECONDARIES.. 6.3V-2A-Yellow Sleeves, C.T.-Blue Sleeve
5V-2A-Red Sleeves
ELECTROSTATIC SHIELD... Grey or Fine Cotton Covered

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POWER TRANSFORMER

PF166

TYPE PF166

OCTOBER, 1959

Ferguson Type PF166 Power Transformer is designed to supply H.T. and L.T. power to radio receivers, amplifiers, and electronic equipment.

RATING

PRIMARY 230, 240V 50 cps.
H.T. SECONDARY 325V-0-325V 60 mA.
L.T. SECONDARIES 6.3V-2A C.T.
6.3V-tapped 5V-2A
EFFECTIVE H.T. SEC. IMP. 270 Ohms.

SCREENING

Electrostatic shield between windings.

MOUNTING

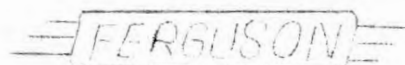
Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT 4-1/8 inches
WIDTH 3-1/4 inches
LENGTH (Over Covers) 3-1/4 inches
MOUNTING CENTRES 2-1/2 x 1-7/8 inches
MOUNTING SLOTS 7/32 x 7/16 inches
APPROXIMATE WEIGHT 4-1/4 lbs.

COLOR CODE

PRIMARY 240V-Red, 230V-Green, Com-Black
H.T. SECONDARY 325V-Yellow, C.T.-Blue, 325V-Yellow
L.T. SECONDARIES .. 6.3V-2A-Yellow Sleeves, C.T.-Blue Sleeve
(6.3V-Orange Sleeve, 5V tap-Green Sleeve
(Common-Red Sleeve
ELECTROSTATIC SHIELD Grey or Fine Cotton Covered



POWER TRANSFORMER

PF167

TYPE PF167

MAY, 1958.

Ferguson Type PF167 Power Transformer is designed to supply H.T. and L.T. power to large Radio Receivers, Amplifiers and Electronic Equipment using 2.5 volt filament tubes.

RATING

PRIMARY	200V, 230V, 240V	50 cps.
H.T. SECONDARY	385V-0-385V	150 mA.
L.T. SECONDARIES	6.3V-2A C.T., 2.5V-5A C.T.	5V-3A

SCREENING

Electrostatic shield between windings.

MOUNTING

Vertical side covers with mounting feet.

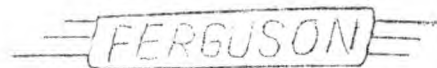
DIMENSIONS

HEIGHT	4-7/8 inches
WIDTH	3-7/8 inches
LENGTH (Over Covers)	4 inches
MOUNTING CENTRES	3-3/8 x 2-1/4 inches
MOUNTING HOLES	7/32 inch. dia.
APPROXIMATE WEIGHT	9 - lbs.

COLOR CODE

PRIMARY	240V-Red, 230V-Green, 200V-Yellow Common Black, + knot
H.T. SECONDARY	385V-Yellow, C.T.-Black, 385V-Yellow
L.T. SECONDARIES	6.3V-2A - Yellows, C.T.-Black 2.5V-5A - Greens, C.T.-Red 5V-3A - Reds
ELECTROSTATIC SHIELD.....	Fine Cotton Covered

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POWER TRANSFORMER

PF168

TYPE PF168

SEPTEMBER, 1959

Ferguson Type PF168 Power Transformer is designed to supply H.T. and L.T. power to radio receivers, amplifiers and electronic equipment.

RATING

PRIMARY	230, 240V	50 cps.
H.T. SECONDARY	385V-0-385V	80 mA.
L.T. SECONDARIES	6.3V-2A-C.T. 6.3V-2A, 5V-2A	
EFFECTIVE H.T. SEC. IMP.	190 Ohms.	

SCREENING

Electrostatic shield between windings.

MOUNTING

Vertical side covers with integral mounting feet.

DIMENSIONS

HEIGHT	4-7/8 inches
WIDTH	3-7/8 inches
LENGTH (Over Covers)	3-1/2 inches
MOUNTING CENTRES	3-3/8 x 1-3/4 inches
MOUNTING HOLES	7/32 inch. dia.
APPROXIMATE WEIGHT	6-1/4 lbs.

COLOR CODE

PRIMARY	240V-Red, 230V-Green, Comm.-Black
H.T. SECONDARY	385V-Yellow, C.T.-Blue, 385V-Yellow
L.T. SECONDARIES	6.3V-2A-Yellow Sleeves, C.T.-Blue Sleeve, 6.3V-2A-Brown Sleeves, 5V-2A-Red Sleeves

ELECTROSTATIC SHIELD Grey or Fine Cotton Covered



POWER TRANSFORMER

PF169

TYPE PF169

OCTOBER, 1959

Ferguson Type PF169 Power Transformer is designed to supply H.T. and L.T. power to radio receivers, amplifiers, and electronic equipment.

RATING

PRIMARY 230, 240V 50 cps.
H.T. SECONDARY 325V-0-325V 80 mA.
L.T. SECONDARIES 6.3V-2A-C.T. 6.3V-2A
6.3V tapped 5V-2A
EFFECTIVE H.T. SEC. IMP 180 Ohms

SCREENING

Electrostatic shield between windings.

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT 4-1/8 inches
WIDTH 3-1/4 inches
LENGTH (Over Covers) 3-7/8 inches
MOUNTING CENTRES 2-1/2 x 2-1/2 inches
MOUNTING SLOTS 7/32 x 7/16 inches
APPROXIMATE WEIGHT 6-lbs.

COLOR CODE

PRIMARY 240V-Red, 230V-Green, Com-Black
H.T. SECONDARY 325V-Yellow, C.T.-Blue, 325V-Yellow
L.T. SECONDARIES ... 6.3V-2A-Yellow Sleeves, C.T.-Blue Sleeve
6.3V-2A-Brown Sleeves
(6.3V-Orange Sleeve, 5V tap-Green Sleeve
(Common-Red Sleeve

ELECTROSTATIC SHIELD Grey or Fine Cotton Covered



POWER TRANSFORMER.

PF170

TYPE PF170

OCTOBER, 1959

Ferguson Type PF170 Power Transformer is designed to supply H.T. and L.T. power to radio receivers, amplifiers and electronic equipment.

RATING

PRIMARY 230, 240V, 50 cps.
H. T. SECONDARY..... 285V-0-285V, 80 mA.
L. T. SECONDARIES..... 6.3V-2A C.T., 6.3V
-2A. 6.3V tapped
5V - 2A.
EFFECTIVE H.T. SEC. IMP..... 155 Ohms.

SCREENING

Electrostatic shield between windings.

MOUNTING

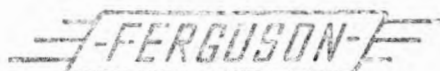
Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT. 4-1/8 Inches
WIDTH..... 3-1/4 Inches
LENGTH (Over Covers)..... 3-5/8 Inches
MOUNTING CENTRES..... 2-1/2 x 2-1/4 Inches
MOUNTING SLOTS..... 7/32 x 7/16 Inches
APPROXIMATE WEIGHT..... 5-1/2 Lbs.

COLOR CODE

PRIMARY 240V-Red, 230V-Green, Comm. - Black
H.T. SECONDARY. 285V-Yellow, C.T.-Blue, 285V-Yellow.
L.T. SECONDARIES.. 6.3V-2A-Yellow sleeves, C.T. Blue Sleeve
6.3V-2A- Brown sleeves
{ 6.3V-Orange sleeve, 5V tap- Green sleeve.
{ Common - Red Sleeve.
ELECTROSTATIC SHIELD..... Grey or Fine Cotton Covered.



POWER TRANSFORMER

TYPE PF171

PF171

MAY, 1958.

Ferguson Type PF171 Power Transformer is designed to supply H.T. and L.T. power to amplifiers and electronic equipment.

RATING

PRIMARY 200, 230, 240V 50 cps.
H.T. SECONDARY 385-0-385V 250 mA.
L.T. SECONDARIES 6.3V-4A C.T., 6.3V-3A,
5V-3A

SCREENING

Electrostatic shield between windings.

MOUNTING

Vertical side covers with mounting feet.

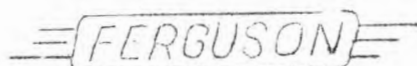
DIMENSIONS

HEIGHT 4-7/8 inches
WIDTH 3-7/8 inches
LENGTH (Over Covers) 5-3/4 inches
MOUNTING CENTRES 3-3/8 inches x 4 inches
MOUNTING HOLES 7/32 inch. dia.
APPROXIMATE WEIGHT 15-3/4 lbs.

COLOR CODE

PRIMARY 240V-Red, 230V-Green, 200V-Yellow
Common-Black
H.T. SECONDARY 385V-Yellow, C.T.-Black, 385V-Yellow
L.T. SECONDARIES 6.3V-4A - Greens; C.T.-Black
6.3V-3A - Yellow,
5V-3A - Reds
ELECTROSTATIC SHIELD ... Fine Cotton Covered

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POWER TRANSFORMER

TYPE PF172

PF172

MAY, 1958

Ferguson Type PF172 Power Transformer is designed to supply H.T. and L.T. power to amplifiers, low power transmitters and electronic equipment.

RATING

PRIMARY 200,230,240V 50 cps.
H.T. SECONDARY 500-0-500V 200 mA.
L.T. SECONDARIES 6.3V-4A C.T., 6.3V-3A, 5V-3A.

SCREENING

Electrostatic shield between windings.

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT 4-7/8 inches
WIDTH 3-7/8 inches
LENGTH (Over Covers)..... 6 inches
MOUNTING CENTRES 3-3/8 x 4-1/4 inches
MOUNTING HOLES 7/32 inch dia.
APPROXIMATE WEIGHT 16-1/2 lbs.

COLOR CODE

PRIMARY 240V-Red, 230V-Green, 200V-Yellow
Common-Black
H.T. SECONDARY 500V-Yellow, C.T.-Black,
500V-Yellow
L.T. SECONDARIES 6.3V-4A-Greens, C.T.-Black
6.3V-3A-Yellows,
5V-3A -Reds
ELECTROSTATIC SHIELD Fine Cotton Covered

FERGUSON

POWER TRANSFORMER

PF173

TYPE PF173

NOVEMBER, 1957

Ferguson Type PF173 Power Transformer is designed to supply H.T. and L.T. power to large radio receivers, amplifiers and electronic equipment.

RATING

PRIMARY 230, 240V 50 cps.
H.T. SECONDARY 425-0-425V 175 mA.
L.T. SECONDARIES 6.3V - 3A C.T., 6.3V-2A, 5V - 3A

SCREENING

Electrostatic screen between windings.

MOUNTING

Vertical side covers with integral mounting feet

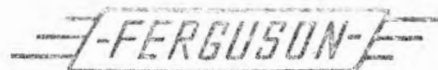
DIMENSIONS

HEIGHT 4 - 7/8 inches
WIDTH 3 - 7/8 inches
LENGTH (OVER COVERS) 4 - 3/4 inches
MOUNTING CENTRES 3 - 3/8 x 3 inches
MOUNTING HOLES 7/32 inch dia.
APPROXIMATE WEIGHT 12 - lbs.

COLOR CODE

PRIMARY 240V-Red, 230V-Green, Com.-Black
H.T. SECONDARY 425V-Yellow, C.T.-Black, 425V-Yellow
L.T. SECONDARIES 6.3V - 3A - Greens, C.T. - Black
6.3V - 2A - Yellows
5V - 3A - Reds.

ELECTROSTATIC SHIELD Fine Cotton



POWER TRANSFORMER

PF174

TYPE PF174

OCTOBER, 1959

Ferguson Type PF174 Power Transformer is designed to supply H.T. and L.T. power to radio receivers, amplifiers and electronic equipment.

RATING

PRIMARY 230, 240V 50 cps.
H.T. SECONDARY 285V-0-285V 150 mA.
L.T. SECONDARIES 6.3V-3A C.T., 6.3V-3A
6.3V tapped 5V-3A
EFFECTIVE H.T. SEC. IMP. 75 Ohms

SCREENING

Electrostatic shield between windings.

MOUNTING

Vertical side covers with mounting feet.

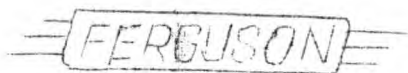
DIMENSIONS

HEIGHT 4-7/8 inches
WIDTH 3-7/8 inches
LENGTH (Over Covers) 3-3/4 inches
MOUNTING CENTRES 3-3/8 inches x 2 inches
MOUNTING HOLES 7/32 inch. dia.
APPROXIMATE WEIGHT 8-lbs.

COLOR CODE

PRIMARY 240V-Red, 230V-Green, Com-Black
H.T. SECONDARY 285V-Yellow, C.T.-Blue, 285V-Yellow
L.T. SECONDARIES... 6.3V-3A-Yellow Sleeves, C.T.-Blue Sleeve
6.3V-3A-Brown Sleeves
(6.3V-Orange Sleeve, 5V tap-Green Sleeve
(Common-Red Sleeve
ELECTROSTATIC SHIELD Grey or Fine Cotton Covered

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POWER TRANSFORMER

PF175

TYPE PF175

MARCH, 1958.

Ferguson Type PF175 Power Transformer is designed to supply H.T. and L.T. power to radio receivers, amplifiers and electronic equipment.

RATING

PRIMARY	230, 240V	50 cps.
H.T. SECONDARY	385-0-385V	150 mA.
L.T. SECONDARIES	6.3V-2A C.T., 6.3V-2A, 5V-3A.	

SCREENING

Electrostatic shield between windings

MOUNTING

Vertical side covers with mounting feet

DIMENSIONS

HEIGHT	4-7/8 inches
WIDTH	3-7/8 inches
LENGTH (Over covers)	4-1/2 inches
MOUNTING CENTRES	3-3/8 x 2-3/4 inches
MOUNTING HOLES	7/32 inches
APPROXIMATE WEIGHT	10-1/2 lbs.

COLOR CODE

PRIMARY	240V-Red, 230V-Green, Com.-Black
H.T. SECONDARY	385V Yellow, C.T.-Black, 385V-Yellow
L.T. SECONDARIES	6.3V-2A-Greens, C.T.-Black
	6.3V-2A-Yellows
	5V-3A-Reds
ELECTROSTATIC SHIELD	Fine Cotton covered



POWER TRANSFORMER

PF179

TYPE PF179

MAY, 1958.

Ferguson Type PF179 Power Transformer is designed to supply H.T. and L.T. power to Amplifiers, low power transmitters, and electronic equipment.

RATING

PRIMARY 200,230,240V 50 cps.
H.T. SECONDARY 475-0-475V 225 mA.
L.T. SECONDARIES 6.3V-4A C.T., 6.3V-2A, 5V-3A.

SCREENING

Electrostatic shield between windings.

MOUNTING

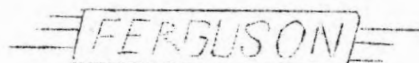
Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT 4-7/8 inches
WIDTH 3-7/8 inches
LENGTH (Over Covers) 5-1/2 inches
MOUNTING CENTRES 3-3/8 x 3-3/4 inches
MOUNTING HOLES 7/32 inch. dia.
APPROXIMATE WEIGHT 16 - 1/4 lbs.

COLOR CODE

PRIMARY 240V-Red, 230V-Green, 200V-Yellow
Comm.-Black
H.T. SECONDARY 475V-Yellow, C.T.-Black, 475V-
Yellow
L.T. SECONDARIES 6.3V-4A Greens, C.T.-Black
6.3V-2A-Yellows
5V-3A-Reds.
ELECTROSTATIC SHIELD Fine Cotton Covered



POWER TRANSFORMER

PF181

TYPE PF181

MARCH, 1958

Ferguson Type PF181 Power Transformer is designed to supply H.T. and L.T. power to radio receivers, amplifiers, and electronic equipment.

RATING

PRIMARY	230, 240V	50 cps.
H.T. SECONDARY	385-0-385V	125 mA.
L.T. SECONDARIES	6.3V - 3A C.T., 6.3V-3A, 5V-2A	

SCREENING

Electrostatic shield between windings

MOUNTING

Vertical side covers with mounting feet

DIMENSIONS

HEIGHT	4-7/8 inches
WIDTH	3-7/8 inches
LENGTH (Over covers)	4-1/4 inches
MOUNTING CENTRES	3-3/8 x 2-1/2 inches
MOUNTING HOLES	7/32 inch dia.
APPROXIMATE WEIGHT	8-3/4 lbs.

COLOR CODE

PRIMARY	240V-Red, 230V-Green, Com-Black
H.T. SECONDARY	385V-Yellow, C.T. Black, 385V-Yellow
L.T. SECONDARIES	6.3V-3A-Greens, C.T. - Black
	6.3V-3A-Yellows
	5V - 2A - Reds
ELECTROSTATIC SHIELD	Fine Cotton covered



POWER TRANSFORMER

PF185

TYPE PF185

OCTOBER, 1959.

Ferguson Type PF185 Power Transformer is designed to supply H.T. and L.T. power to small radio receivers, amplifiers, and electronic equipment.

RATING

PRIMARY 240V 50 cps.
H.T. SECONDARY 150V-0-150V 30 mA.
L.T. SECONDARY 6.3V - 2A
EFFECTIVE H.T. SEC. IMP. 310 Ohms.

SCREENING

Electrostatic shield between windings.

MOUNTING

Window type brackets with mounting feet.

DIMENSIONS

HEIGHT 3 inches
WIDTH 2-1/2 inches
LENGTH (Over Coils) 2-1/4 inches
MOUNTING CENTRES 2 x 1-3/8 inches
MOUNTING SLOTS 5/32 x 3/8 inches
APPROXIMATE WEIGHT 1-3/4 lbs.

COLOR CODE

PRIMARY 240V-Red, Com-Black
H.T. SECONDARY 150V-Yellow, C.T.-Blue, 150V-Yellow
L.T. SECONDARY 6.3V-2A-Yellow Sleeves
ELECTROSTATIC SHIELD. Grey or Fine Cotton Covered

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POWER TRANSFORMER

PF201

TYPE PF201.

OCTOBER/64

Ferguson Type PF201 Power Transformer is designed to supply H.T. and L.T. Power to small radio receiver amplifiers and electronic equipment.

RATING

PRIMARY.....	240V 50 cps.
H.T.SECONDARY	225V-0-225V 50 mA.
L.T.SECONDARY	6.3V-2A
EFFECTIVE H.T. SEC.IMP.....	260 Ohms.

SCREENING

Electrostatic shield between windings.

MOUNTING

Window type brackets with mounting feet.

DIMENSIONS

HEIGHT	3 inches
WIDTH	2-1/2 inches
LENGTH (Over Coils)	2-3/8 inches
MOUNTING CENTRES	2 x 1-3/4 inches
MOUNTING SLOTS	5/32 x 3/8 inches
APPROXIMATE WEIGHT	2-1/2 lbs.

COLOUR CODE

PRIMARY	240V-Red, Common-Black
H.T.SECONDARY	225V-Yellow, C.T.-Blue, 225V-Yellow
L.T.SECONDARY	6.3V-2A-Yellow Sleeves
ELECTROSTATIC SHIELD	Grey or Fine Cotton Covered



POWER TRANSFORMER

PF299

TYPE PF299

OCTOBER, 1959.

Ferguson Type PF299 Power Transformer is designed to supply H.T. and L.T. power to small radio receivers, amplifiers and electronic equipment.

RATING

PRIMARY 240V 50 cps.
H.T. SECONDARY 285V-0-285V 40 mA.
L.T. SECONDARIES 6.3V-2A, 6.3V-tapped 5V-2A
EFFECTIVE H.T. SEC. IMP. 355 Ohms

SCREENING

Electrostatic shield between windings.

MOUNTING

Window type brackets with mounting feet.

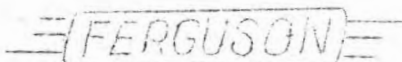
DIMENSIONS

HEIGHT 3 inches
WIDTH 2-1/2 inches
LENGTH (Over Coils) 3 inches
MOUNTING CENTRES 2 x 2-1/8 inches
MOUNTING SLOTS 5/32 x 3/8 inches
APPROXIMATE WEIGHT 3-lbs.

COLOR CODE

PRIMARY 240V-Red, Common-Black
H.T. SECONDARY 285V--Yellow, C.T.-Blue, 285V-Yellow
L.T. SECONDARIES 6.3V-2A-Yellow Sleeves
 (6.3V-Orange Sleeve, 5V tap-Green Sleeve
 (Common - Red Sleeve
ELECTROSTATIC SHIELD ... Grey or Fine Cotton Covered

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POWER TRANSFORMER

PF300

TYPE PF300

OCTOBER, 1959

Ferguson Power Transformer Type PF300 is designed to supply H.T. and L.T. power to small radio receivers, amplifiers and electronic equipment.

RATING

PRIMARY 240V 50 cps.
H.T. SECONDARY 325V-0-325V 40 mA.
L.T. SECONDARIES 6.3V-2A, 5V-2A
EFFECTIVE H.T. SEC. IMP. 550 Ohms

SCREENING

Electrostatic shield between windings.

MOUNTING

Window type brackets with mounting feet.

DIMENSIONS

HEIGHT 3 inches
WIDTH 2-1/2 inches
LENGTH (Over coils) 2-3/4 inches
MOUNTING CENTRES 2-1-7/8 inches
MOUNTING SLOTS 5/32 x 3/8 inches
APPROXIMATE WEIGHT 2-3/4 lbs.

COLOR CODE

PRIMARY 240V-Red, Common-Black
H.T. SECONDARY 325V-Yellow, C.T.-Blue, 325V-Yellow
L.T. SECONDARIES 6.3V-2A-Yellow Sleeves
5V-2A-Red Sleeves
ELECTROSTATIC SHIELD. Grey or Fine Cotton Covered.

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FERGUSON

C.R.O. POWER TRANSFORMER

PF545

TYPE PF545

MARCH, 1958

Ferguson Type PF545 Power Transformer is primarily designed to supply H.T. and L.T. power to 5 inch Cathode-Ray Oscillographs.

Complete design details of a 5 inch C.R.O. using this transformer appear in the July 1952 issue of Radio, Television & Hobbies.

RATING

PRIMARY	240V	50 cps.
H.T. SECONDARY	350-0-350V	20 mA.
	One side of H.T. extended to 1000V - 2 mA.	
L.T. SECONDARIES	6.3V - 3A, 6.3V - 0.6A, 4V - tapped at 2.5V-2A	

SCREENING

Electrostatic shields between primary and secondary windings, and between 6.3V-0.6A and other windings.

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT	4-1/8 inches
WIDTH	3-1/4 inches
LENGTH (Over covers)	3-3/8 inches
MOUNTING CENTRES	2-1/2 x 2 inches
MOUNTING SLOTS	7/32 x 7/16 inches
APPROXIMATE WEIGHT	4-1/2 lbs.

COLOR CODE

PRIMARY	240V-Black, Com. - Black
H.T. SECONDARY	350V-Blue, C.T.-Green, 350V-Yellow, 1000V-Red
L.T. SECONDARIES	6.3V-3A-Greens, 6.3V-0.6A-Yellows 4V-Yellow, 2.5V tap-Red, Com-Black.
ELECTROSTATIC SHIELD	Fine Cotton covered

RATING

SCREENING

MOUNTING

DIMENSIONS

COLOUR CODE

PRIMARY 240V-Red, Com-Black.

H.T. SECONDARY 150V-Yellow, C.T.-Blue,
150V-Yellow

L.T. SECONDARY 6.3V-1.8A-Yellow Sleeves.



POWER TRANSFORMER

PF814

TYPE PF814

DECEMBER, 1961.

Ferguson Type PF814 Power Transformer is designed to supply H.T. power to Radio Transmitters and industrial electronic equipment.

RATING

PRIMARY	200, 230, 240, 260V	50 cps.
H.T. SECONDARY	1000V-0-1000V	200 MA
	or. 750V-0-750V	250 MA
	or. 500V-0-500V	300 MA
L.T. SECONDARY (Pilot Lamp)	5.8V-0.3A	

SCREENING

Electrostatic shield between Primary and Secondary.

MOUNTING

Upright Mounting, cast aluminium brackets with integral mounting holes.

DIMENSIONS

HEIGHT	5-5/8 inches
WIDTH	6 inches
LENGTH (including Windings)	4-5/8 inches
MOUNTING CENTRES	2-7/8 x 3-5/8 inches
MOUNTING HOLES	1/4" clearance
APPROXIMATE WEIGHT	19 LBS.

COLOR CODE

PRIMARY.....	260V-Brown, 240V-Red, 230V-Yellow
	200V-Green, Common-Black
H.T. SECONDARY	1000V-0-1000V Yellows
	750V-0-750V Greens
	500V-0-500V Reds
	C.T. - Black
L.T. SECONDARY	5.8V-0.3A Brown to Black (C.T.)
ELECTROSTATIC SHIELD	GREY



PF1067

POWER TRANSFORMERJULY, 1965TYPE PF1067

Ferguson Type PF1067 Power Transformer is primarily designed for use in the Mullard "20 Watt High Quality Amplifier", described in the Mullard publication "High Quality Sound Reproduction". It is also suitable for use in the R.T. & H. "Playmaster No. 12".

RATING

PRIMARY 230, 240V 50 C.P.S.
H.T. SECONDARY 400V - 0 - 400V 180 mA
L.T. SECONDARIES 6.3V-2.5A C.T., 6.3V-4A C.T., 5V-3A

SCREENING

Electrostatic Screen between windings.

MOUNTING

Vertical side covers with integral mounting feet.

DIMENSIONS

HEIGHT 4-7/8 inches.
WIDTH 3-7/8 inches.
DEPTH (over covers) 5 inches
MOUNTING CENTRES 3-3/8 x 3-1/4 inches
MOUNTING HOLES 7/32 inch dia.

COLOUR CODE.

PRIMARY 240V-Red, 230V-Brown., Com.-Black
H.T. SECONDARY 400V-Yellow, C.T.-Blue, 400V-Yell.
L.T. SECONDARIES 6.3V-2.5A-Yellows, C.T.-Brown.
6.3V-4A-Greens, C.T.-Black.
5V - 3A - Reds.
STATIC SHIELD Grey.

MATCHING COMPONENTS

FILTER CHOKE FERGUSON TYPE CF110.
ULTRA-LINEAR OUTPUT TRANSFORMER .. FERGUSON TYPE OP312.



POWER TRANSFORMER

PF1072

TYPE PF1072

MAY, 1957

Ferguson Type PF1072 Power Transformer is primarily designed to supply H.T. & L.T. power to the Mullard "5-10 Amplifier" under high or low load conditions plus tuner.

RATING

PRIMARY	230, 240V	50 C.P.S.
H.T. SECONDARY	300V -- 0 -- 300V	120mA
L.T. SECONDARIES	6.3V -- 4A C.T.	
	6.3V tapped at 5V -- 2A (for 1 type	
	GZ30 or 2 type 6V4 rectifier)	

SCREENING

Electrostatic screen between windings.

MOUNTING

Vertical, side covers with integral mounting feet.

DIMENSIONS

HEIGHT	4-7/8 inches
WIDTH	3-7/8 inches
DEPTH (Over covers)	3-1/2 inches
MOUNTING CENTRES	3-3/8 x 1-3/4 inches
MOUNTING HOLES	7/32 inch dia.

COLOUR CODE

PRIMARY	240V-Red, 230V-Green, Common-Black
H.T. SECONDARY	300V-Yellow, C.T.-Blue, 300V-Yellow
L.T. SECONDARIES	6.3V-4A: Yellow-Yellow, C.T.-Blue
	6.3V-2A -- 6.3V-Green, 5V tap-Red, Com.-Black
STATIC SCREEN	Fire cotton covered

MATCHING COMPONENTS

OUTPUT TRANSFORMER	FERGUSON TYPE OP308
POWER TRANSFORMER (Amplifier Only)...	FERGUSON TYPE PF1073

FERGUSON

POWER TRANSFORMER

PF1073

TYPE PF1073

MAY, 1957

Ferguson Type PF1073 Power Transformer is primarily designed to supply H.T. and L.T. power to the Mullard "5-10 Amplifier" under either high or low load conditions.

(Use Type PF1072 if a tuner is also to be supplied)

RATING

PRIMARY	230, 240V	50 cps
H.T. SECONDARY	300-0-300V	80 mA.
L.T. SECONDARIES	6.3V-1A, 6.3V-2A C.T.	

SCREENING

Electrostatic screen between windings.

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

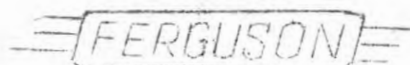
HEIGHT	4 inches
WIDTH	3-1/4 inches
DEPTH (Over covers)	3-3/8 inches
MOUNTING CENTRES	2-1/2 x 2 inches
MOUNTING SLOTS	7/32 x 7/16 inches
APPROX. WEIGHT	4-3/4 lbs.

COLOR CODE

PRIMARY	240V-Red, 230V-Green, Common-Black
H.T. SECONDARY	300V-Yellow, C.T.-Blue, 300V-Yellow,
L.T. SECONDARIES	6.3V-1A-Orange. 6.3V-2A-Yellows, C.T.-Blue
ELECTROSTATIC SHIELD	Fine Cotton covered

MATCHING COMPONENTS

OUTPUT TRANSFORMER	FERGUSON TYPE OP308
POWER TRANSFORMER (Amp. & Tuner)	FERGUSON TYPE PF1072.



T.V. POWER TRANSFORMER

PF1129

TYPE PF1129

MAY, 1957

Ferguson Type PF1129 T.V. Power Transformer is primarily intended for use in the 17 inch 70 degree T.V. Receiver described in a Philips publication and also in the May, 1956 issue of Radio, Television & Hobbies.

RATING

PRIMARY	220, 230, 240V	50 C.P.S.
H.T. SECONDARY	235V - 0 - 235V	330mA
L.T. SECONDARIES	6.3V - 4.5A, 6.3V - 4.5A	
	6.3V - 2A	

SCREENING

Inversely connected H.T. winding.
External copper band for field reduction.

MOUNTING

Fitted with two covers, extended studs for flat mounting.

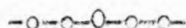
DIMENSIONS

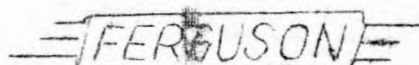
LENGTH	4-1/2 inches
WIDTH	3-3/4 inches
OVERALL HEIGHT	5-5/8 inches
MOUNTING CENTRES	3-3/4 inches x 3 inches
MOUNTING STUDS	5/32 inch dia. Whit.

COLOUR CODE

PRIMARY	240V-Red, 230V-Green, 220V-Orange, Com.-Black
H.T. SECONDARY	235V-Yellow, C.T.-Blue, 235V-Yellow
L.T. SECONDARIES	6.3V - 4.5A - Red sleeving
	6.3V-4.5A - Blue Sleeving
	6.3V - 2A - Yellow sleeving

USE FERGUSON FILTER CHOKE TYPE CF364 AND TYPE CF102.





POWER TRANSFORMER

PF1193

TYPE PF1193

APRIL, 1957.

R.T. & H. 17 INCH 70 DEGREE TELEVISION RECEIVER

Ferguson Type PF1193 Power Transformer has been specially designed for use in the 17 inch Television Receiver described in the May issue of Radio, Television & Hobbies.

RATING

PRIMARY	200, 220, 240V, 50 C.P.S.
H.T. SECONDARY	295V - 0 - 295V 275mA.
L.T. SECONDARIES	6.3V tapped 5V - 3A
	6.3V - 9A

SCREENING

Inversely connected H.T. winding.
External copper band for field reduction.

MOUNTING

Fitted with two covers, extended studs for flat mounting.

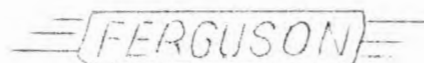
DIMENSIONS

LENGTH	4 - 1/2 inches
WIDTH	3 - 3/4 inches
OVERALL HEIGHT	5 - 3/8 inches
MOUNTING CENTRES	3 - 3/4 inches x 3 inches
MOUNTING STUDS	5/32 inch Dia. Whit.

COLOR CODE

PRIMARY	240V-Red, 220V-Brown, 200V-Yellow, Common - Black.
H.T. SECONDARY	295V-Green, C.T.-Blue, 295V-Green
L.T. SECONDARIES	{ 6.3V-3A- Yellow sleeving
	{ 5V tap - 3A - Black sleeving
	{ Common - 3A - Red Sleeving
	6.3V - 9A - Clear sleeving.

Use Ferguson Filter Choke Type CF388.



POWER TRANSFORMER

PF1193V

TYPE PF1193V

JULY, 1959

Ferguson Type PF1193V Power Transformer is a vertical mounting version of Type PF1193, which is intended primarily for use in television receivers, but has other applications, such as high powered stereo amplifiers.

RATING

PRIMARY.....	200, 220, 240V	50 Cps.
H.T. SECONDARY	295-0-295V	275 mA. *
L.T. SECONDARIES	6.3V tapped 5V-3A 6.3V-9A	

* In amplifiers and applications where an extremely low external field is not essential, the H.T. current rating may be increased to 300 mA.

SCREENING

Inversely connected H.T. winding.
External copper band for field reduction.

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT	4-7/8 inches
WIDTH	3-7/8 inches
LENGTH (Over Covers)	5-1/4 inches
MOUNTING CENTRES	3-3/8 inches x 3-1/2 inches
MOUNTING HOLES	7/32 inch. dia.
APPROXIMATE WEIGHT	13-lbs.

COLOR CODE

PRIMARY	240V-Red, 220V-Brown 200V-Yellow, Common-Black
H.T. SECONDARY	295V-Greens, C.T.-Blue, 295V-Green (6.3V-3A-Yellow Sleeving (5V tap-3A-Black Sleeving (Common-3A-Red Sleeving 6.3V-9A-Clear Sleeving



H. T. POWER TRANSFORMER

TYPE PF1229

PF1229

R. T. & H. WIDE BAND C.R.O.

APRIL, 1957.

Ferguson Type PF1229, H.T. Transformer has been specially designed for use in the Radio, Television & Hobbies "WIDE BAND C.R.O.".

RATING

PRIMARY	230, 240V	50 C.P.S.
H.T. SECONDARY	340-0-340	150 mA.

SCREENING

Electrostatic Screen between windings.
External copper band for field reduction.

MOUNTING

Flat mounting, one flat cover, one flat bracket.
Studs provided to permit mounting or transformer below chassis with the flat cover above chassis.

DIMENSIONS

LENGTH	3-13/16 inches
WIDTH	3-1/8 inches
OVERALL HEIGHT	3-11/16 inches
MOUNTING CENTRES	3-1/8 inches x 2-1/2 inches
MOUNTING STUDS	5/32 inch Dia. Whit.
APPROXIMATE WEIGHT	6-lbs.

COLOR CODE

PRIMARY	240V-Red, 230V-Green, Com.-Black
SECONDARY	340V-Yellow, C.T.-Blue, 340V-Yellow
ELECTROSTATIC SCREEN	Grey or Fine Cotton Covered

MATCHING COMPONENTS

FILAMENT & E.H.T. TRANSFORMER	FERGUSON TYPE PF1230
FILTER CHOKE	FERGUSON TYPE CF396



FILAMENT & E.H.T. TRANSFORMER

PF1230

TYPE PF1230

R.T. & H. WIDE BAND C.R.O.

APRIL, 1957.

Ferguson Type PF1230 Filament and E.H.T. Transformer has been specially designed for use in the Radio, Television & Hobbies "WIDE BAND C.R.O."

RATING

PRIMARY	230, 240V	50 C.P.S.
E.H.T. SECONDARY	860V - 2 mA:	
L.T. SECONDARIES	4V tapped 2.5V - 1A	
	6.3V tapped 4V - 1.1A	
	6.3V - 3A, 5V - 2A	

SCREENING

Electrostatic Screen between windings.
External copper band for field reduction.

MOUNTING

Flat mounting, one flat cover, one flat bracket.
Studs provided to permit mounting of transformer below chassis, with the flat cover above chassis.

DIMENSIONS

LENGTH	3-13/16 inches
WIDTH	3-1/8 inches
OVERALL HEIGHT	3-5/16 inches
MOUNTING CENTRES	3-1/8 inches x 2-1/2 inches
MOUNTING STUDS	5/32 inch Dia. Whit.
APPROXIMATE WEIGHT	4-1/2 lbs.

COLOR CODE

PRIMARY	240V-Red, 230V-Green, Com-Black
E.H.T. SECONDARY	Orange - Orange
L.T. SECONDARIES	(4V-Brown Sleeve, 2.5V tap-Yellow Sleeve (Common - Blue Sleeve (6.3V-Red Sleeve, 4V tap - Grey Sleeve (Common - White Sleeve 6.3V - Yellow Sleeve, 5V - Red Sleeve

ELECTROSTATIC SCREEN Grey or Fine Cotton Covered

MATCHING COMPONENTS

MAIN H.T. TRANSFORMER	FERGUSON TYPE PF1229
FILTER CHOKE	FERGUSON TYPE CF396

FERGUSON

POWER TRANSFORMER

PF1335

TYPE PF1335

APRIL, 1958.

Ferguson Type PF1335 Power Transformer is designed to supply H.T. and L.T. power to large radio receivers, amplifiers and electronic equipment.

It is suitable for use in the Public Address Amplifier described in Radio Television & Hobbies for March and April 1958.

RATING

PRIMARY 230, 240V 50 cps.
H.T. SECONDARY 305V-0-305V 180 mA.
L.T. SECONDARIES 6.3V - 4A C.T. 6.3V - 4A, 5V-3A

SCREENING

Electrostatic shield between windings.

MOUNTING

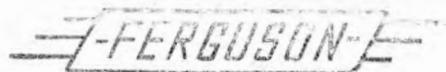
Vertical side covers with integral mounting feet.

DIMENSIONS

HEIGHT 4-7/8 inches
WIDTH 3-7/8 inches
LENGTH (OVER COVERS) 4-1/2 inches
MOUNTING CENTRES 3-3/8 x 2-3/4 inches
MOUNTING HOLES 7/32 inch. dia.
APPROXIMATE WEIGHT 11-lbs.

COLOR CODE

PRIMARY 240V-Red, 230V-Green, Con.-Black
H.T. SECONDARY 305V-Yellow, C.T.-Blue, 305V-Yellow
L.T. SECONDARIES 6.3V-4A-Yellows, C.T.-Brown
 6.3V-4A-Greens
 5V-3A-Reds
ELECTROSTATIC SCREEN Fine Cotton



POWER TRANSFORMER

PF1388

TYPE PF1388

NOVEMBER, 1959

Ferguson Type PF1388 Power Transformer is designed to supply H.T. and L.T. power to radio receivers, amplifiers, and electronic equipment.

It is suitable for use in the Mullard "3-3 Amplifier".

RATING

PRIMARY 230-240V 50 cps.
H.T. SECONDARY 300-0-300V 60 mA.
L.T. SECONDARIES 6.3V-2A C.T., 6.3V-tapped 5V-2A
EFFECTIVE H.T. SEC. IMP 250 ohms per plate

SCREENING

Electrostatic shield between windings.

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT 4-1/8 inches
WIDTH 3-1/4 inches
LENGTH (Over Covers) 3-1/4 inches
MOUNTING CENTRES 2-1/2 x 1-7/8 inches
MOUNTING SLOTS 7/32 x 7/16 inches
APPROXIMATE WEIGHT 4-1/4 lbs.

COLOR CODE

PRIMARY 240V-Red, 230V-Green, Com-Black
H.T. SECONDARY 300V-Yellow, C.T.-Blue, 300V-Yellow
L.T. SECONDARIES 6.3V-2A-Yellow Sleeves, C.T.-Blue Sleeve
 (6.3V-Orange Sleeve, 5V tap-Green Sleeve
 (Common-Red Sleeve)

ELECTROSTATIC SHIELD.. Grey or Fine Cotton Covered

FERGUSON

POWER TRANSFORMER

PF1412

TYPE PF1412

JANUARY, 1959.

Ferguson Power Transformer Type PF1412 is designed to supply H.T. and L.T. power to stereo amplifiers and electronic equipment requiring relatively heavy current at moderate high tension voltage.

RATING

PRIMARY	230, 240V	50 cps.
H.T. SECONDARY	300V-0-300V	200 mA.
L.T. SECONDARIES	6.3V-3A, 6.3V-3.5A C.T., 5V-3A	

SCREENING

Electrostatic shield between windings.

MOUNTING

Vertical side covers with mounting feet.

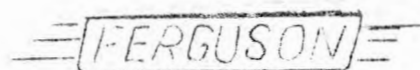
DIMENSIONS

HEIGHT	4-7/8 inches
WIDTH	3-7/8 inches
LENGTH (Over Covers)	4-3/4 inches
MOUNTING CENTRES	3-3/8 x 3 inches
MOUNTING HOLES	7/32 inch. dia.
APPROXIMATE WEIGHT	12 lbs.

COLOR CODE

PRIMARY	240V-Red, 230V-Green, Com.-Black
H.T. SECONDARY	300V-Yellow, C.T.-Blue, 300V-Yellow
L.T. SECONDARIES	6.3V-3A-Brown Sleeving 6.3V-3.5A-Yellow Sleeving, C.T. Blue Sleeving, 5V-3A-Red Sleeving.
ELECTROSTATIC SHIELD	Grey

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POWER TRANSFORMER

PF1428

TYPE PF1428

JULY, 1959.

Ferguson Type PF1428 Power Transformer is primarily designed for use in the Mullard 2 STEREO 2 Amplifier.

RATING

PRIMARY 230, 240, 250V 50 cps.
H.T. SECONDARY 250-0-250V 80 mA.
L.T. SECONDARIES 6.3V-2A C.T. 6.3V-0.6A
EFFECTIVE SECONDARY IMPEDANCE... 160 ohms.

SCREENING

Electrostatic shield between windings.

MOUNTING

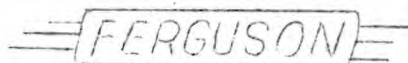
Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT 4-1/8 inches
WIDTH 3-1/4 inches
LENGTH (Over Covers) 3-1/4 inches
MOUNTING CENTRES 2-1/2 x 1-7/8 inches
MOUNTING SLOTS 7/32 x 7/16 inches
APPROXIMATE WEIGHT 3-3/4 lbs.

COLOR CODE

PRIMARY 250V-Orange, 240V-Red, 230V-Green,
Com-Black
H.T. SECONDARY 250V-Yellow, C.T.-Blue, 250V-Yellow
L.T. SECONDARIES ...6.3V-2A-Yellow Sleeving, C.T.-Blue
6.3V-0.6A-Red Sleeving
ELECTROSTATIC SHIELD GREY



POWER TRANSFORMER

PF1459

TYPE PF1459

JULY, 1959

Ferguson Power Transformer Type PF1459 is designed to supply H.T. and L.T. power to radio receivers, amplifiers, and electronic equipment.

RATING

PRIMARY 230, 240, 250V * 50 cps.
H.T. SECONDARY 250-0-250V 60 mA.
L.T. SECONDARIES 6.3V-2A C.T., 6.3V tapped 5V-2A
EFFECTIVE H.T. SEC. IMP. 210 Ohms

SCREENING

Electrostatic shield between windings.

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT 4-1/8 inches
WIDTH 3-1/4 inches
LENGTH (Over Covers) 3-1/4 inches
MOUNTING CENTRES 2-1/2 x 1-7/8 inches
MOUNTING SLOTS 7/32 x 7/16 inches
APPROXIMATE WEIGHT 3-3/4 lbs.

COLOR CODE

PRIMARY 250V-Orange, 240V-Red, 230V-Green, COM.-Black
H.T. SECONDARY.. 250V-Yellow, C.T.-Blue, 250V-Yellow
L.T. SECONDARIES.. 6.3V-2A-Yellow Sleeves, C.T.-Blue Sleeve
 (6.3V-Orange Sleeve, 5V tap-Green Sleeve,
 (COM.-Red Sleeve

ELECTROSTATIC SHIELD Grey, or Fine Cotton Covered.

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TAPE RECORDER POWER TRANSFORMER

PF1460T

TYPE PF1460T

SEPT.1960

Ferguson Power Transformer Type PF1460T is intended primarily for use in the "Tape Recorder No.3" described in the June 1960 issue of Radio, Television & Hobbies, and similar applications.

It is electrically similar to Type PF1460, but is a "low radiation" version, fitted with an external copper band to reduce the external magnetic field.

RATING

PRIMARY 230, 240, 250V 50 cps.
H.T. SECONDARY 250-0-250V 30 mA
L.T. SECONDARIES 6.3V-2A C.T., 6.3V-2A
6.3V tapped 5V-2A
EFFECTIVE H.T. SEC. IMP..... 170 ohms.

SCREENING

Electrostatic shield between windings.
External copper band for reduction of magnetic field.

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT 4-1/8 inches
WIDTH 3-1/4 inches
LENGTH (Over Covers) 3-5/8 inches
MOUNTING CENTRES 2-1/2 x 2-1/4 inches
MOUNTING SLOTS 7/32 x 7/16 inches
APPROXIMATE WEIGHT 5-1/2 lbs.

COLOR CODE

PRIMARY 250V-Orange, 240V-Red, 230V-Green, COM-Black
H.T. SECONDARY.250V-Yellow, C.T.-Blue, 250V-Yellow
L.T. SECONDARIES.. 6.3V-2A-Yellow Sleeves, C.T.-Blue Sleeve
6.3V-2A-Brown Sleeves
(6.3V-Orange Sleeve, 5V Tap-Green Sleeve,
(COM. - Red Sleeve
ELECTROSTATIC SHIELD Grey

FERGUSON

POWER TRANSFORMER

PF1460

TYPE PF1460

JULY, 1959

Ferguson Power Transformer Type PF1460 is designed to supply H.T. and L.T. power to radio receivers, amplifiers, and electronic equipment.

RATING

PRIMARY	230, 240, 250V	50 cps.
H.T. SECONDARY	250-0-250V	80 mA.
L.T. SECONDARIES	6.3V-2A C.T., 6.3V-2A 6.3V tapped 5V-2A	
EFFECTIVE H.T. SEC. IMP.....	170 ohms	

SCREENING

Electrostatic shield between windings.

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT	4-1/8 inches
WIDTH	3-1/4 inches
LENGTH (Over Covers)	3-5/8 inches
MOUNTING CENTRES	2-1/2 x 2-1/4 inches
MOUNTING SLOTS	7/32 x 7/16 inches
APPROXIMATE WEIGHT	5-1/2 lbs.

COLOR CODE

PRIMARY	250V-Orange, 240V-Red, 230V-Green, COM-Black,
H.T. SECONDARY...	250V-Yellow, C.T.-Blue, 250V-Yellow
L.T. SECONDARIES.	6.3V-2A-Yellow Sleeves, C.T.-Blue Sleeve
	6.3V-2A-Brown Sleeves
	(6.3V Orange Sleeve, 5V Tap Green Sleeve,
	(COM.-Red Sleeve
ELECTROSTATIC SHIELD	Grey, or Fine Cotton Covered

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POWER TRANSFORMER - VOLTAGE DOUBLER

PF1481

TYPE PF1481

JUNE 1962

FERGUSON Type PF1481 power transformer is intended primarily for use in the "ELECTRONIC ORGAN" described in the February 1962 issue of Radio, Television & Hobbies.

RATING

PRIMARY 240V 50 cps.
H.T. SECONDARY 120V A.C. for 305V 180mA D.C. Output
L.T. SECONDARY 6.3V - 6A C.T.
EFFECTIVE H.T.SEC.IMP.. 12 Ohms

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT..... 4-1/8 inches
WIDTH (W) 3-1/4 inches
LENGTH (over covers) (L) 3-7/8 inches
MOUNTING CENTRES 2-1/2(W) x 2-1/2(L) inches
MOUNTING SLOTS 7/32 x 7/16 inches
APPROXIMATE WEIGHT 6 lbs.

COLOR CODE

PRIMARY 240V - Red, Common - Black
H.T. SECONDARY 120V - Greens
L.T. SECONDARY 6.3V - Yellows, C.T. - Blue

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POWER TRANSFORMER

PF1508

TYPE PF1508

FEBRUARY, 1960.

Ferguson Power Transformer Type PF1508 is designed to supply H.T. and L.T. power to radio receivers, amplifiers, and electronic equipment.

It is approved for use in the Mullard "5 Stereo 7" Amplifier.

RATING

PRIMARY 230, 240, 250V 50 cps.
H.T. SECONDARY 250-0-250V 150 mA.
L.T. SECONDARIES 6.3V-4A C.T., 6.3V-tapped 5V-2A
EFFECTIVE H.T. SEC. IMP..... 70 ohms per anode

SCREENING

Electrostatic shield between windings.

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT 4-1/8 inches
WIDTH 3-1/4 inches
LENGTH (Over Covers) 4-3/8 inches
MOUNTING CENTRES 2-1/2 x 3 inches
MOUNTING SLOTS 7/32 x 7/16 inches
APPROXIMATE WEIGHT 6-3/4 lbs.

COLOR CODE

PRIMARY..... 250V-Orange, 240V-Red, 230V-Green, Com-Black
H.T. SECONDARY .. 250V-Yellow, C.T.-Blue, 250V-Yellow
L.T. SECONDARIES. 6.3V-4A-Yellow Sleeves, C.T.-Blue Sleeve
(6.3V-Orange Sleeve, 5V tap-Green Sleeve
(Common-Red Sleeve
ELECTROSTATIC SHIELD Grey or Fine Cotton Covered

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POWER TRANSFORMER -- VOLTAGE DOUBLER

PF1509

TYPE PF1509

APRIL, 1960.

Ferguson Type PF1509 Power Transformer is intended for general use in all types of electronic equipment employing silicon diode rectifiers in a full wave voltage-doubling circuit.

RATING

PRIMARY 230, 240, 250V 50 cps.
H.T. SECONDARY 130V A.C. For 325V 100 mA D.C. Output *
L.T. SECONDARIES 6.3V-2A C.T., 6.3V-2A
EFFECTIVE H.T. SEC. IMP 27 Ohms

* When used in a conventional full-wave voltage-doubling circuit employing silicon diodes, 0A210, 1N1763 etc., and two 100 MFD capacitors, the voltage at the input to the filter, at a loading of 100 mA D.C. is 325V D.C. as indicated.

The effective H.T. secondary impedance is sufficient to limit the peak current through the diodes to a value within the makers ratings, and no additional series resistance is necessary.

However, if it is desired to reduce the output voltage, this may be done by inserting a suitable resistor in series with the H.T. winding.

SCREENING

Brass foil electrostatic shield between windings.

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT 4-1/8 inches
WIDTH (W) 3-1/4 inches
LENGTH (Over Covers) (L) 3-5/8 inches
MOUNTING CENTRES 2-1/2(W) x 2-1/4(L) inches
MOUNTING SLOTS 7/32 x 7/16 inches
APPROXIMATE WEIGHT 5-1/2 lbs.

COLOR CODE

PRIMARY..... 250V-Orange, 240V-Red, 230V-Green, Com-Black
H.T. SECONDARY Yellow-Yellow, 10/.010 PVC insulated.
L.T. SECONDARIES .. 6.3V-2A-Yellow Sleeves, C.T. Blue Sleeve
6.3V-2A-Brown Sleeves

ELECTROSTATIC SHIELD.. Grey or Fine Cotton Covered



POWER TRANSFORMER - VOLTAGE DOUBLER

PF1527

TYPE PF1527

MAY, 1960.

Ferguson Type PF1527 Power Transformer is intended for general use in all types of electronic equipment employing silicon diode rectifiers in a full-wave voltage-doubling circuit.

RATING

PRIMARY 230, 240, 250V 50 cps.
H.T. SECONDARY 110V-A.C. For 280V 80 mA D.C. Output *
L.T. SECONDARY 6.3V-2.25A
EFFECTIVE H.T. SEC. IMP. 40 Ohms

* When used in a conventional full-wave voltage-doubling circuit employing silicon diodes, OA210, 1N1763 etc., and two 100 MFD capacitors, the voltage at the input to the filter, at a loading of 80 mA D.C. is 280V D.C. as indicated.

The effective H.T. secondary impedance is sufficient to limit the peak current through the diodes to a value within the maker's ratings, and no additional series resistance is necessary.

However, if it is desired to reduce the D.C. output voltage this may be done by inserting a suitable resistor in series with the H.T. winding.

SCREENING

Brass foil electrostatic shield between windings.

MOUNTING

Vertical window-type brackets with mounting feet.

DIMENSIONS

HEIGHT 3 inches
WIDTH (W) 2-1/2 inches
LENGTH (Over Coils) (L) 2-3/4 inches approx.
MOUNTING CENTRES 2 (W) x 2-1/8 (L) inches
MOUNTING SLOTS 5/32 x 3/8 inches
APPROXIMATE WEIGHT 3-lbs.

COLOR CODE

PRIMARY 250V-Orange, 240V-Red, 230V-Green, Com-Black
H.T. SECONDARY Yellow-Yellow, 10/.010 PVC insulated
L.T. SECONDARY 6.3V-2.25A-Yellow Sleeves
ELECTROSTATIC SHIELD... Grey or Fine Cotton Covered



TAPE RECORDER POWER TRANSFORMER

PF1527T

TYPE PF1527T

MAY 1962

Ferguson Power Transformer Type PF1527T is intended primarily for use in the "Stereo Tape Recorder" described in the March 1962 issue of Radio, Television & Hobbies, and similar applications.

It is electrically similar to Type PF1527, but is a "low radiation" version, fitted with an external copper band to reduce the external magnetic field.

RATING

PRIMARY 230, 240, 250V 50 cps.
H.T. SECONDARY 110V-A.C. For 280V 80 mA D.C.
Output *
L.T. SECONDARY 6.3V-2.25A
EFFECTIVE H.T. SEC. IMP. 40 Ohms

* When used in a conventional full-wave voltage-doubling circuit employing silicon diodes, OA210, 1N1763 etc., and two 100 MFD capacitors, the voltage at the input to the filter, at a loading of 80 mA D.C. is 280V D.C. as indicated.

The effective H.T. secondary impedance is sufficient to limit the peak current through the diodes to a value within the maker's ratings, and no additional series resistance is necessary.

However, if it is desired to reduce the D.C. output voltage this may be done by inserting a suitable resistor in series with the H.T. winding.

SCREENING

Brass foil electrostatic shield between windings.
External copper band for reduction of magnetic field.

MOUNTING

Vertical window-type brackets with mounting feet.

DIMENSIONS

HEIGHT 3 inches
WIDTH (W) 2-1/2 inches
LENGTH (Over Coils) (L) 3 inches approx.
MOUNTING CENTRES 2 (W) x 2-1/8 (L) inches
MOUNTING SLOTS 5/32 x 3/8 inches
APPROXIMATE WEIGHT 3-lbs.

COLOR CODE

PRIMARY 250V-Orange, 240V-Red, 230V-Green, Com-Black
H.T. SECONDARY Yellow-Yellow, 10/.010 PVC insulated
L.T. SECONDARY 6.3V-2.25A-Yellow Sleeves
ELECTROSTATIC SHIELD: Grey



POWER TRANSFORMER - VOLTAGE DOUBLER

PF1540

TYPE PF1540

APRIL, 1960.

Ferguson Type PF1540 Power Transformer is intended primarily for use in the 10 Watt Stereo Amplifier described in the December 1959 issue of Radio, Television & Hobbies, but has general application in all types of electronic equipment employing silicon diode rectifiers in a full-wave voltage-doubling circuit.

RATING

PRIMARY 230, 240, 250V 50 cps.
H.T. SECONDARY 130V A.C. For 335V 190 mA D.C. Output *
L.T. SECONDARY 6.3V-6.5A C.T.
EFFECTIVE H.T. SEC. IMP. 8.5 Ohms

* When used in a conventional full-wave voltage-doubling circuit employing silicon diodes, OA210, 1N1763 etc., and two 100 MFD capacitors, the voltage at the input to the filter, at a loading of 190 mA D.C. is 335V D.C. as indicated.

The effective H.T. secondary impedance is sufficient to limit the peak current through the diodes to a value within the maker's ratings, and no additional series resistance is necessary.

However, if it is desired to reduce the output voltage, this may be done by inserting a suitable resistor in series with the H.T. winding.

SCREENING

Brass foil electrostatic shield between windings.

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT 4-1/8 inches
WIDTH (W) 3-1/4 inches
LENGTH (Over Covers) (L) 4-1/8 inches
MOUNTING CENTRES 2-1/2(W) x 2-3/4(L) inches
MOUNTING SLOTS 7/32 x 7/16 inches
APPROXIMATE WEIGHT 6-1/2 lbs.

COLOR CODE

PRIMARY 250V-Orange, 240V-Red, 230V-Green, Com.-Black
H.T. SECONDARY Yellow-Yellow, 10/.010 PVC insulated
L.T. SECONDARY 6.3V-6.5A-Yellow Sleeves, C.T.-Blue Sleeve
ELECTROSTATIC SHIELD.. Grey or Fine Cotton Covered



POWER TRANSFORMER - VOLTAGE DOUBLER

PF1546

TYPE PF1546

AUGUST, 1960

Ferguson Type PF1546 Power Transformer is primarily intended for use in the "100 WATT P.A. AMPLIFIER" described in the July 1960 issue of Radio, Television & Hobbies, but is suitable for general use in large amplifiers employing silicon diode rectifiers in a full-wave voltage-doubling circuit. A separate winding is provided to supply fixed bias to the audio output valves.

RATING

PRIMARY 230, 240, 250V 50 cps.
H.T. SECONDARY 240V A.C. For 580V 325 mA D.C. Output*
EFFECTIVE H.T. SEC. IMP.. 6 ohms
BIAS WINDING 90V A.C. for bridge rectifier, capacitor
input filter, 10 mA D.C. output.
L.T. SECONDARY 12.6V-4A-C.T.

* When used in a conventional full-wave voltage-doubling circuit, diodes having an adequate peak inverse voltage rating, such as OA214 etc. should be employed. In order to limit the peak current through the diodes to a value within the makers' ratings, it is recommended that a resistor of suitable wattage rating of not less than 10 ohms be connected in series with the H.T. winding.

SCREENING

Brass foil electrostatic shield between windings.

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT 4-7/8 inches
WIDTH (W) 3-7/8 inches
LENGTH (L) (Over Covers) 6 inches
MOUNTING CENTRES 3-3/8 (W) x 4-1/4 (L) inches
MOUNTING HOLES 7/32 inch. dia.
APPROXIMATE WEIGHT 17-1/4 lbs.

COLOR CODE

PRIMARY 250V-Orange, 240V-Red, 230V-Green, COM-Black
H.T. SECONDARY Yellow-Yellow
BIAS WINDING Brown-Brown
L.T. SECONDARY 12.6V-4A Yellow Sleeves, C.T.-Blue Sleeve
ELECTROSTATIC SHIELD .. Grey

MATCHING COMPONENTS FOR R.T. & H. "100 WATT P.A. AMPLIFIER"

OUTPUT TRANSFORMER TYPE OPM21

MAIN FILTER CHOKE TYPE CF448

BIAS FILTER CHOKE TYPE CF447



C.R.O. POWER TRANSFORMER-VOLTAGE DOUBLER

PF1552

TYPE PF1552

AUGUST 1960

Ferguson C.R.O. Power Transformer Type PF1552 is primarily intended for use in the "NEW STANDARD OSCILLOSCOPE" described in the June 1960 issue of Radio, Television & Hobbies. The main H.T. winding is designed for use with silicon diode rectifiers in a full-wave voltage-doubling circuit.

RATING

PRIMARY..... 230,240,250V 50 cps.
H.T. SECONDARY 127V A.C. for 350V 50 mA D.C. Output*
E.H.T. SECONDARY 1200V A.C. for half-wave rectifier,
capacitor input filter, 5 mA D.C.
L.T. SECONDARIES 6.3V, tapped at 4V-0.6A, 2000V D.C.
working
2.5V-1.75A, 2000V D.C. working
6.3V-4A C.T.
EFFECTIVE H.T. SEC. IMP...30 Ohms

* When used in a conventional full-wave voltage-doubling circuit employing silicon diodes (0A210, 1N1763 etc), and two 100 MFD capacitors, the voltage at the input to the filter, at a loading of 50 mA D.C. is 350V D.C. as indicated. The effective H.T. secondary impedance is sufficient to limit the peak current through the diodes to a value within the makers' ratings.

SCREENING

Brass foil electrostatic shield between windings.

External copper band for reduction of external magnetic field.

MOUNTING

Vertical window-type brackets with mounting feet.

DIMENSIONS

HEIGHT..... 3-13/16 inches
WIDTH (W) 3-1/8 inches
LENGTH (L) (Over Coils) 4 inches
MOUNTING CENTRES 2-1/2 (W) x 2-5/8 (L) inches
MOUNTING SLOTS 7/32 x 7/16 inches
APPROXIMATE WEIGHT 5-3/4 lbs.

COLOR CODE

PRIMARY 250V-Orange, 240V-Red, 230V-Green, COM-Black
H.T. SECONDARY .. Yellow-Yellow
E.H.T. SECONDARY. Blue-Blue
L.T. SECONDARIES. 6.3V-4A-Yellow Sleeves, C.T.-Blue Sleeve
(6.3V-0.6A-Orange Sleeve, 4V tap-Brown Sleeve,
(Common-Red Sleeve
2.5V-1.75A-Green Sleeves
ELECTROSTATIC SHIELD..... Grey



POWER TRANSFORMER - VOLTAGE DOUBLER
TYPE PF1555F - FLAT MOUNTING

PF1555F
APRIL 1961

Ferguson Type PF1555F Power Transformer is intended for general use in all types of electronic equipment employing silicon diode rectifiers in a full-wave voltage-doubling circuit.

The H.T. secondary is tapped to permit a wide range of D.C. output voltages to be obtained.

	<u>RATING</u>
PRIMARY	230, 240, 250V 50 cps.
H.T. SECONDARY TAPS ...	124V A.C. for 310V 150 mA D.C. Output*
	or. 114V A.C. for 285V 150 mA D.C. Output*
	or. 104V A.C. for 260V 150 mA D.C. Output*
L.T. SECONDARIES	6.3V-3A C.T., 6.3V-3A C.T.
EFFECTIVE H.T. SEC.IMP.	124V Tap-10.7 ohms, 114V Tap-9.5 ohms
	104V Tap-8.5 ohms

*When used in a conventional full-wave voltage-doubling circuit employing silicon diodes (0A210, 1N1763 etc) and two 100 MFD capacitors, the voltage at the input to the filter, at a loading of 150 mA D.C. is as indicated for the tap selected.

The effective H.T. secondary impedance is sufficient to limit the peak current through the diodes to a value within the makers' ratings, and no additional series resistance is necessary.

However, a suitable resistor may be connected in series if it is desired to reduce the voltage obtainable from any particular tap.

SCREENING

Brass foil electrostatic shield between windings.

MOUNTING

Flat mounting with top cover.

DIMENSIONS

WIDTH	3-1/8 inches
LENGTH (L)	3-3/4 inches
HEIGHT (Above Chassis)	2-7/8 inches
MOUNTING CENTRES	2-1/2 (W) x 3-1/8 (L) inches
MOUNTING STUDS	5/32 inch Whitworth
APPROXIMATE WEIGHT	6-lbs.

COLOR CODE

PRIMARY	250V-Orange, 240V-Red, 230V-Brown, COM-Black
H.T. SECONDARY	124V-Blue, 114V-Yellow + Trace, 104V-White
	COM-Yellow
L.T. SECONDARIES	6.3V-3A-Yellow Sleeves, C.T.-Blue Sleeve
	6.3V-3A-Brown Sleeves, C.T.-Orange Sleeve
ELECTROSTATIC SHIELD.	Grey

Also available in vertical mounting as Type PVD111



C.R.O. POWER TRANSFORMER

PF1563F

TYPE PF1563F

AUGUST 1960.

Ferguson C.R.O. Power Transformer Type PF1563F is primarily intended for use in the "3 INCH T.V. OSCILLOSCOPE" described in the August 1960 issue of Radio, Television & Hobbies, but has general applications in electronic equipment requiring a transformer with a low external magnetic field.

RATING

PRIMARY 230, 240, 250V 50 cps.
H.T. SECONDARY 250-0-250V 50 mA
L.T. SECONDARIES 6.3V-3A C.T., 6.3V-1A
EFFECTIVE H.T. SEC. IMP. 300 ohms per anode

SCREENING

Electrostatic shield between windings
External copper band for reduction of external magnetic field

MOUNTING

Fitted with one flat cover and mounting pillars.
Primary & H.T. secondary leads 10/.010 PVC insulated,
L.T. PVC Sleeved

DIMENSIONS

WIDTH (W) 3-1/8 inches
LENGTH (L) 3-3/4 inches
HEIGHT (Above chassis, inc. pillars) 3-1/8 inches
MOUNTING CENTRES 2-1/2(W) x 3-1/8(L) inches
MOUNTING STUDS 5/32 inch. Whitworth
APPROXIMATE WEIGHT 4 lbs.

COLOR CODE

PRIMARY 250V-Orange, 240V-Red, 230V-Green, COM-Black
H.T. SECONDARY 250V-Yellow, C.T.-Blue, 250V-Yellow
L.T. SECONDARIES .. 6.3V-3A-Yellow Sleeves, C.T.-Blue Sleeve
6.3V-1A-Brown Sleeves

ELECTROSTATIC SHIELD Grey

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JUNE, 1964

POWER TRANSFORMER VOLTAGE DOUBLER

PF 2252

TYPE PF 2252

Ferguson Type PF2252 is primarily intended for use in the Class "B" 60 watt Power Amplifier as described in the April, 1964 issue of the Philips "Miniwatt" Digest, but is suitable for general use in large amplifiers employing Silicon diode type rectifiers in full wave voltage-doubling circuits.

RATINGS

PRIMARY	.....	220V, 230V, 240V, 50 ops.
H.T. SECONDARY 1	.....	227V AC for 500V 200 mA DC.
H.T. SECONDARY 2	.....	177V AC for 400V 100 mA DC.
BIAS WINDING	.....	50V AC for 10mA D.C.
LT SECONDARY 1	.....	6.3 CT 3A.
LT SECONDARY 2	.....	6.3 3A.

MOUNTING

Flat mounting with top cover.

DIMENSIONS

WIDTH (W)	.....	3-1/8	Inches.
LENGTH (L)	.....	3-3/4	Inches.
HEIGHT (Above Chassis)	.....	3-1/4	Inches.
MOUNTING CENTRES (W)	.....	2-1/2	Inches.
	(L)	3-1/16	Inches.
APPROX. WEIGHT	.....	6-1/2	Lbs.

COLOUR CODE

PRIMARY	.....	240V-Red, 230V-Brown, 220V-Orange, Common-Black.
SECONDARY HT 1	.....	White, White
SECONDARY HT 2	.....	Green, Green
BIAS WINDING	.....	Brown, Brown
SECONDARY LT 1	.....	Blue, Blue
SECONDARY LT 2	.....	Yellow, C.T.- Blue, Yellow

MATCHING COMPONENTS

OUTPUT TRANSFORMERS	.....	OP499/Selected Impedance.
FILTER CHOKES	.....	Two F1/295.