

CFB/0/1.7

PRICE LIST

APRIL, 1965

PARTRIDGE TRANSFORMERS LIMITED

Head Office and Factory:

ROEBUCK ROAD,
CHESSINGTON,
SURREY.



Telephone and Telegrams:

Lower Hook 4353-4-5

Cables:

TRANSFORMERS
CHESSINGTON

The items listed are in normal batch production, and generally would be available ex stock, or from the next batch going through our factory.

Additional mounting styles and finishes including potted and hermetically sealed assemblies to suit various ambient conditions can be supplied to order, prices on application. Special data sheets are issued in respect of these alternative mountings.

Various degrees of tropical finish by approved processes can be provided. For fixing centres, dimensions and weight, see appropriate data sheet of mounting styles.

SPECIFICATION

All Partridge components are designed to comply with the appropriate British Standards Institution Specifications.

In general, transformer coils are wound on high grade synthetic resin bonded paper tubing, or moulded bakelite bobbins, and adequately interlayered with paper guaranteed acid free, and protected by laminated flanges which serve also to locate the outleads. Effective precautions are taken to avoid the possibility of turns of any one layer coming into contact with those of adjacent or of other layers.

The insulation between the various windings and between windings and screen or core is such as to withstand a minimum test pressure of 2,000 volts r.m.s.

A copper screen between primary and other windings is provided as a standard feature. This screen, connected to earth, serves the double purpose of suppressing mains-borne interference and providing an element of safety in case of electrical breakdown.

All mains transformers are wound as standard with a primary winding covering 200-250v. 50 c.p.s.

GUARANTEE

Components are individually tested and are guaranteed to conform to the stated electrical specifications within commercial limits. Each component is guaranteed further for a period of twelve months against defective material or faulty workmanship. This guarantee is limited to the free repair or replacement of the particular component.

TERMS OF BUSINESS

Strictly nett. Carriage extra, packing free.

TRADE DISCOUNT 30%

Type No.	Specification	Mounting Style	List Price	
MAINS TRANSFORMERS				
W.W.1.	150v. 60m.a., 50v. 100m.a., 0—4—6.3v. 0.6A (WW/Bridge)	PDN 442A	£ s. d. 6 5 0	
H250/40	250—0—250v. 40m.a., 6.3v. 1A, 6.3v. 2A C.T.	PDN 442A	6 5 0	
H250/60	250—0—250v. 60m.a., 0—5—6.3v. 2A, 6.3v. 2A C.T.	PDN 404A	5 17 6	
H300/60	300—0—300v. 60m.a., 6.3v. 1A, 6.3v. 2A C.T.	PDN 442B	6 12 6	
H300/110	300—0—300v. 110m.a., 0—5—6.3v. 2A, 6.3v. 2.5A C.T. (Osram 912/Mullard 5—10)	PDN 404B	6 12 6	
H300/200	300—0—300v. 200m.a., 5v. 3A, 6.3v. 3A C.T., 6.3v. 3A C.T.	PDN 436A	8 15 0	
H350/60T	350—325—0—325—350v. 60m.a., 0—5—6.3v. 2A, 6.3v. 2A C.T.	PDN 404B	6 12 6	
H350/100T	350—325—0—325—350v. 100m.a., 0—5—6.3v. 2A, 6.3v. 3A C.T.	PDN 404C	7 5 0	
H350/150T	350—325—0—325—350v. 150m.a., 5v. 3A, 6.3v. 4A C.T.	PDN 436A	8 15 0	
H350/250T	350—325—0—325—350v. 250m.a., 5v. 3A, 6.3v. 4A C.T., 6.3v. 4A C.T.	PDN 436B	9 12 6	
H425/200T	425—350—0—350—425v. 200m.a., 5v. 3A, 6.3v. 3A C.T., 6.3v. 3A C.T.	PDN 436B	9 12 6	
P4100	500—0—500v. 215m.a., 5v. 3A, 6.3v. 3A C.T., 6.3v. 5A C.T. (G.E.C. 88-50)	PDN 436C	9 15 0	
H500/250T	500—425—0—425—500v. 250m.a., 5v. 3A, 6.3v. 3A C.T., 6.3v. 3A C.T., 6.3v. 3A C.T.	PDN 435A	11 10 0	
H500/350T	500—425—0—425—500v. 350m.a., 5v. 3A, 5v. 3A, 6.3v. 3A C.T., 6.3v. 3A C.T., 6.3v. 3A C.T., 6.3v. 3A C.T.	PDN 435B	12 15 0	
CRT/1	0—750—1500—2100v. rms. 5m.a., 2v. 1A, 2v. 1A, 2v. 1A	ODN 404B	8 10 0	
T 6.3/2T	0—5—6.3v., 2A, 1kv., peak working	ODN 401A	4 0 0	
T 6.3/6	6.3v., 2A, 6.3v., 2A, 6.3v., 2A, 1kv., peak working	PDN 442A	6 5 0	
T18/5.5T	0—6—9—12—18v., 5.4A rms., 1kv. peak working	PDN 404C	7 0 0	
SMOOTHING CHOKES				
C75/25	75H. 25m.a. d.c. 1400 ohms	VDE 401A	2 10 0	
C35/40	35H. 40m.a. d.c. 1275 ohms	VDE 401A	2 10 0	
C20/40	20H. 40m.a. d.c. 840 ohms	DN 474A	2 7 6	
C25/60	25H. 60m.a. d.c. 760 ohms	VDE 401A	2 10 0	
C8/120	8H. 120m.a. d.c. 225 ohms	VDE 401A	2 10 0	
C18/120	18H. 120m.a. d.c. 350 ohms	VDE 401B	2 12 6	
C10/135	10H. 135m.a. d.c. 200 ohms	VDE 401B	2 12 6	
C12/150	12H. 150m.a. d.c. 215 ohms	PDN 404A	4 17 6	
C10/180	10H. 180m.a. d.c. 200 ohms	VDE 429B	2 10 0	
C5/250	5H. 250m.a. d.c. 95 ohms	KDE 429B	2 10 0	
C12/200	12H. 200m.a. d.c. 160 ohms	PDN 404B	5 0 0	
C25/200	25H. 200m.a. d.c. 200 ohms	PDN 436A	7 5 0	
C12/250	12H. 250m.a. d.c. 110 ohms	PDN 436A	7 5 0	
C12/350	12H. 350m.a. d.c. 85 ohms	PDN 435A	9 5 0	
C5/500	5H. 500m.a. d.c. 21 ohms	PDN 435B	9 15 0	
AUTO TRANSFORMERS FOR STEP-UP OR STEP-DOWN				
The prices for Auto Transformers include panel and protected motor block for connections.				
A100	100 watt auto wound	Tappings can be arranged to give voltages as follows:— 0—100—110—200—230—250v. 0—105—115—210—240v. 0—115—125—230v.	ODN 404A	3 15 0
A200	200 watt auto wound		ODN 404C	5 10 0
A300	300 watt auto wound		ODN 436A	6 5 0
A500	500 watt auto wound		ODN 435A	9 5 0
A1000	1000 watt auto wound		ODN 435B	11 5 0
A1500	1500 watt auto wound		ODN 437B	16 0 0
A2000	2000 watt auto wound		ODN 441A	23 10 0
A2500	2500 watt auto wound		ODN 441B	27 15 0
Last two items wound to special order only. Prices on application.				
HIGH FIDELITY LINE AND MICROPHONE TRANSFORMERS				
MC/5	20 ohms, centre tapped to grid (Ratio 1:50) in Mumetal Case	B450	2 15 0	
MC/6	600 ohms, centre tapped to grid (Ratio 1:9) in Mumetal Case	SC9	4 8 0	
MC/7	30 ohms, centre tapped to grid (Ratio 1:40) in Mumetal Case	-SC9	4 8 0	
AA/2	Auto wound matching, taps at 2, 3.75, 7.5, 15 ohms. Rating 20 watts from 25 cps to 20 Kcs.	KDE 429A	3 0 0	
AA/3	Auto wound matching, tapped 3.75, 7.5 and 15 ohms. Rating 10 watts	417B/DE	2 10 0	

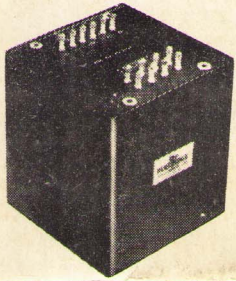
Type No.	Specification	Mounting Style	£ s. d.	
HIGH FIDELITY OUTPUT TRANSFORMERS				
For more detailed information on output transformers see appropriate Technical Data Sheet, available on application.				
P4073	5000 ohms, single valve (50m.a. d.c.) Sec. 3.75, 8.5 or 15 ohms—4 watts... ..	VDS 429A	3 5 0	
P4131	8000 a—a, 43% taps. Sec. 2 sections each 3.75 ohms, for 3.75 or 15 ohm matching. Power Rating 10 watts	VDE 429B	4-0-0	
P4133	8—9K ohms a—a. 20% taps. Sec. tapped for 3, 7.5 or 15 ohms. Power Rating 8 watts at 50 cps.	VDE 429A	3 15 0	
P5201	9000—12000 ohms a—a, 43% taps	} Sec. in 4 sections, each 0.95 ohms. Power Rating 20—35 watts.	P5000	5 18 6
P5202	7000— 9000 ohms a—a, 43% taps		P5000	5 18 6
P5203	5000— 7000 ohms a—a, 43% taps		P5000	5 18 6
P5204	3000— 5000 ohms a—a, 20% taps		P5000	5 18 6
P5351	9000—12000 ohms a—a, 43% taps	} Sec. in 4 sections, each 0.95 ohms. Power Rating 35—50 watts.	P5000	6 15 0
P5352	7000— 9000 ohms a—a, 43% taps		P5000	6 15 0
P5353	5000— 7000 ohms a—a, 43% taps		P5000	6 15 0
P5354	3000— 5000 ohms a—a, 20% taps		P5000	6 15 0
P6001	6000— 8000 ohms a—a, 43% taps	} Sec. in 4 sections, each 0.95 ohms. Power Rating 60—100 watts.	CDN	12 10 0
P6002	4000— 5000 ohms a—a, 20% taps		CDN	12 10 0
P6003	4000— 4000 ohms a—a, 20% taps		CDN	12 10 0
P6004	2000— 3000 ohms a—a, 20% taps		CDN	12 10 0
WWFB/1	10000—12000 ohms a—a	} Sec. in 8 sections each of 0.95 ohms, 1.7 ohms or 3.6 ohms. (Williamson)	PMN	10 15 0
WWFB/2	6600— 9000 ohms a—a		PMN	10 15 0
WWFB/3	4000— 5000 ohms a—a		PMN	10 15 0
WWFB/4	2000— 3000 ohms a—a		PMN	10 15 0

“C” CORE OUTPUT TRANSFORMERS

The following are a range of Superior High Fidelity Output Transformers, using grain oriented strip wound “C” cores

P4014	7000— 9000 ohms a—a, 43% taps. Sec. in 4 sections, each 0.95 ohms. Power Rating 10—15 watts (Mullard 5—10 distributed load version)... ..	Z371002	6 5 0	
P4200	8—9K ohms a—a and 6.6K ohms, taps at 20% and 40% of P.t. Sec. 4 sections of 0.95 ohms. Power Rating 12 watts 20 cps to 40 Kcs and 15 watts 25 cps to 30 kcs	CDN	8 15 0	
P4160	6.6K ohms a—a, taps at 20% and 40% of P.t. Sec. 8 sections of 0.95 ohms. Power Rating 20 watts, 20 cps to 50 Kcs and 35 watts 25 cps to 30 Kcs.	CDN	10 10 0	
P4160/1	As P4160 but 4—5K ohms a—a and Power Rating 50 watts 30 cps to 30 Kcs...	CDN	10 10 0	
P4170/1	4—5K ohms a—a, taps at 40% of P.t. Sec. 8 Sections of 0.95 ohms. Power Rating 50 watts 30 cps to 30 Kcs and 100 watts 40 cps to 20 Kcs ...	CDN	16 10 0	
P4190	4—5K ohms a—a, taps at 40% of P.t. Sec. 8 Sections of 0.95 ohms. Power Rating 50 watts 20 cps to 30 Kcs, 100 watts 30 cps to 20 Kcs, and 150 watts 40 cps to 15 Kcs	CDN	24 10 0	
UL2/1	10000—12000 ohms a—a, 43% taps	} Sec. in 4 sections, each 0.95 ohms. Power Rating 20—35 watts. Hermetically sealed construction.	Z371005	10 15 0
UL2/2	6600— 9000 ohms a—a, 43% taps		Z371005	10 15 0
UL2/3	4000— 5000 ohms a—a, 43% taps		Z371005	10 15 0
UL2/4	2000— 3000 ohms a—a, 43% taps		Z371005	10 15 0
CFB/1	10000—12000 ohms a—a	} Sec. in 8 sections, each of 0.95 ohms, 1.7 ohms or 3.6 ohms. Power Rating 35—60 watts. Hermetically sealed construction.	Z371013	15 15 0
CFB/2	6600— 9000 ohms a—a		Z371013	15 15 0
CFB/3	4000— 5000 ohms a—a		Z371013	15 15 0
CFB/4	2000— 3000 ohms a—a		Z371013	15 15 0

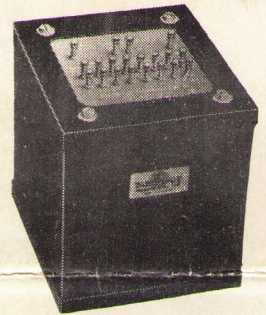
PARTRIDGE MOUNTING STYLES



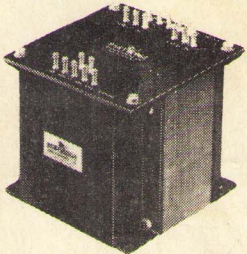
CDN



Z371013 & Z371005



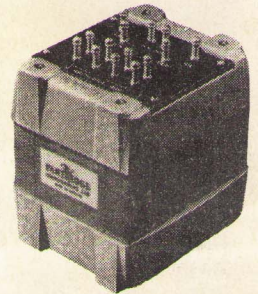
PMN



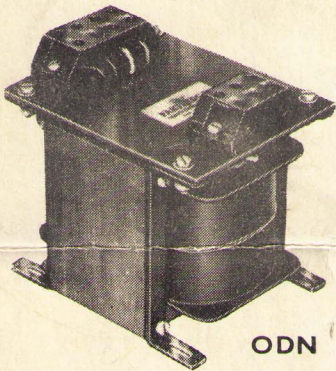
PDN



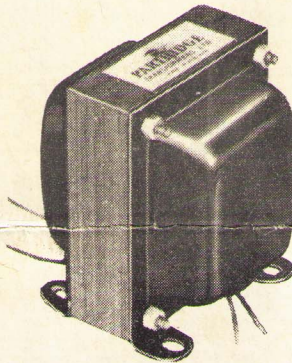
Z371002



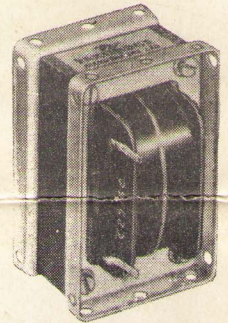
P5000



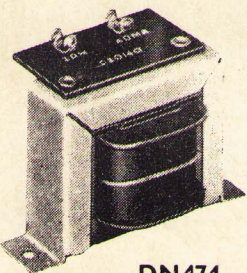
ODN



VDS



VDE



DN474



SC9



B450

PARTRIDGE TRANSFORMERS LTD.

Connection Data for Output Transformers

CFB/- Series and WWFB/0/- Series

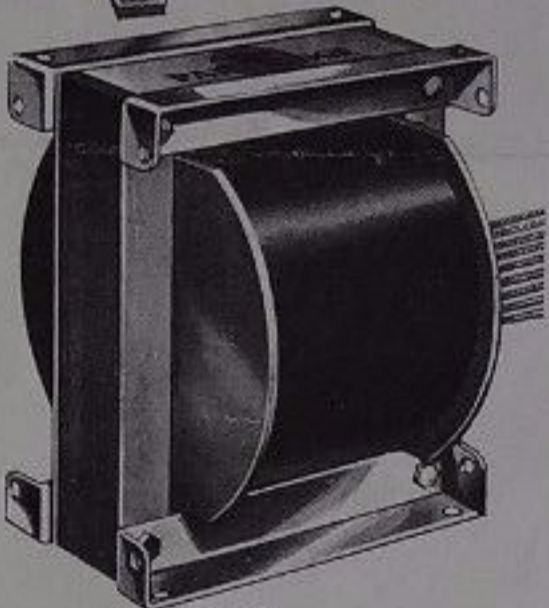
Transformers in these series are wound with eight similar secondary sections. Types are available which are suitable for secondary loads of either 0.95, 1.7, or 3.6 ohms respectively, when all sections are connected in parallel.

Correct terminal connections for other secondary loads are given in the table below for each of these types

TERMINAL CONNECTIONS	NO. OF SECTIONS IN SERIES	CORRECT SECONDARY IMPEDANCE		
		CFB /0.95 WWFB/0/0.95	CFB /1.7 WWFB/0/1.7	CFB /3.6 WWFB/0/3.6
	1	0.95	1.7	3.6
	2	3.8 <small>R_s = 23.40</small>	6.8	14.4
	3	8.5 <small>R_s = 35.00</small>	15.3	32.5
	4	15.2 <small>R_s = 46.90</small>	27	57.5
	5	23.8	42.5	90
	6	34.2	61	130
	7	44.7	83	176
	8	60.9	109	230

PARTRIDGE TRANSFORMER

Da die Anforderungen an Transformatoren immer höher gestellt werden, so sind die Produkte der englischen Spezialfabrik PARTRIDGE umso willkommener, weil PARTRIDGE als Fabrik hochwertiger Transformatoren führend und weltberühmt ist. Dies gilt ganz besonders für hochwertige Ausgangstransformer. Die letzten Entwicklungen der ULTRA-Linear-Technik sind bei den PARTRIDGE Transformatoren der Typen WWFB und CFB bereits berücksichtigt. Der grosse Frequenzumfang gestattet, Intermodulationen durch geeignete Gegenkopplung wirksam zu beseitigen.



(Verschaltung abgenommen)



PARTRIDGE - HIGH-FIDELITY PUSH-PULL - Ausgangstransformatoren.

1) Type PPO.

Ausgangstransformer hoher Qualität mit kapazitätsarmer Scheibenwicklung. Zwei Sekundärimpedanzen 3, 75 und 15 Ohm. Harmonische Verzerrung: 0,5 %.

Leistung 12 Watt.

Type PPO/0-404B: Impedanz a-a 6000Ω
" PPO/1-404B: " a-a 8000Ω
" PPO/2-404B: " a-a 10000Ω

Max. Anodenstrom 70 mA pro Anode.
Dimensionen: 82 x 88 x 95 hoch, 1,9 Kg.
je Fr. 42.--

Leistung 30 Watt.

Type PPO/9-436A: Impedanz a-a 9000Ω
Max. Anodenstrom 120 mA pro Anode.
Dimensionen: 114x107x135 hoch, 3,7 Kg.
Fr. 62.--

2) Typen WWFB/0 und P 3064; 20 Watt.

Für Williamson Verstärker mit Gegenkopplung bis 4 Stufen zurück. Scheibenwicklung. WWFB mit SG-Anzapfung für Ultra-Linear Operation. Sekundärwicklung 8 resp. 4-teilig. Primär-Impedanz 10-12000 Ω a-a. Max. Anodenstrom bei Type WWFB 2x80, P 3064 2x100 mA. Harmonische Verzerrung: 0,5 %.

WWFB/0: gekapselt, 142x123x145mm,
Gewicht 6,4 Kg. Fr. 96.--

P 3064: 73x75x95mm, 1,1 Kg. Fr. 66.--

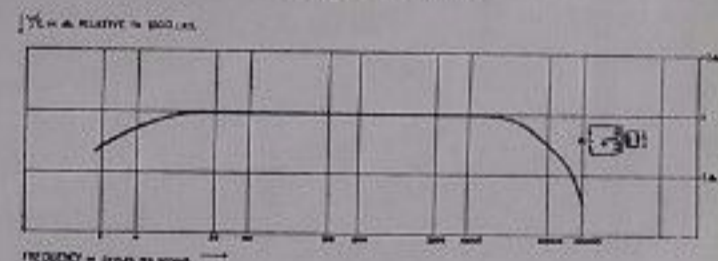
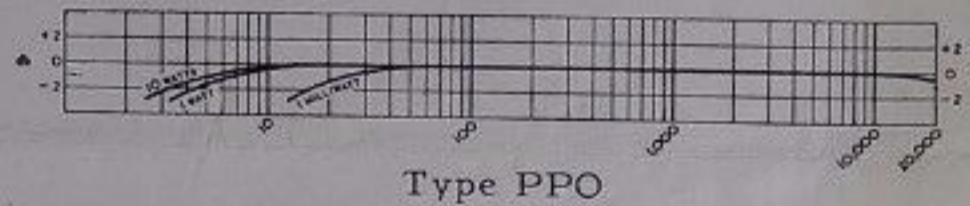
3) Typen CFB 60 Watt und UL2 50 Watt.

Höchste Qualität, tropfenfest gekapselt. Auch für Williamson-Verstärker mit Gegenkopplung bis 4 Stufen zurück. Mit Schirmgitteranzapfung für Ultra-Linear-Operation. Scheibenwicklung, sekundär 8- resp. 4-teilig. Primär-Impedanz 10 kΩ. Max. Anodenstrom: CFB 2x180 mA; UL2 2x85 mA. Harmonische Verzerrung 0,05%

CFB: 140x133x125mm; 5 Kg. Fr. 148.--

UL2: 84x90x105 mm; 1,1 Kg. Fr. 119.--

Frequenzcharakteristik der PARTRIDGE Ausgangstransformatoren.



Typen CFB und UL2

Tabelle der Sekundär-Impedanzen der Partridge-Transformatoren WWFB/0, P 3064, CFB und UL2. (Prim. Imp. 10kΩ).

Schaltung	Je 4 Ausfg. m. Impedanzen von:			
WWFB, CFB:	0.95	-1.7	3.6	7.5 Ω
	0.95	1.7	3.6	7.5
	3.8	6.8	14.4	30
	8.5	15.3	32.5	67
	15.2	27	57	120
	24	42	90	188
	34	61	130	270
	45	83	176	368
	61	109	230	480

Schaltung UL2 und P 3064				
Impedanz Ω:	0,95	3,8	8,5	15,2

PARTRIDGE - HIGH-FIDELITY - EINGANGSTRANSFORMATOREN.

PARTRIDGE-Eingangstransformatoren für Mikrophon und Picup besitzen eine besonders hohe Güte durch Verwendung des hochlegierten "Mumetal" Spezialbleches. Sie sind offen oder mit "Mu-metal"-Abschirmung lieferbar.

Type: Ausführung: Dimensionen: Nettopreis:
MC/1 offen 50 x 50 x 30 Fr. 24.--
MC/1-402 geschlossen 60 x 60 x 35 Fr. 37.50

Eingangsimpedanzen: 100, 200, 300, 600 Ohm.

Generalvertretung der PARTRIDGE-Transformatoren:

Willy Egli & Co. Zürich

Radio-Import Gotthardstrasse 6 (Claridenhof)
Produkte für die elektronische Industrie



(051) 27 29 91