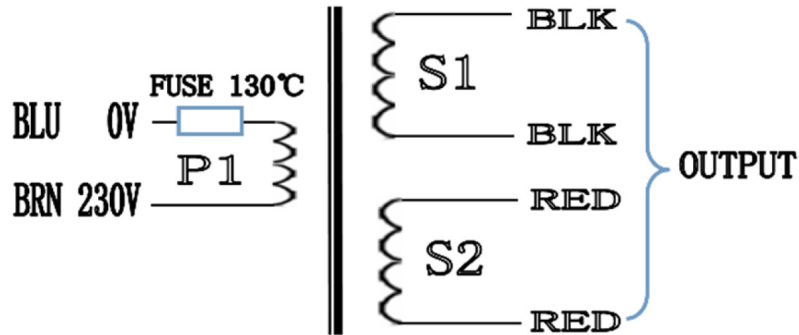
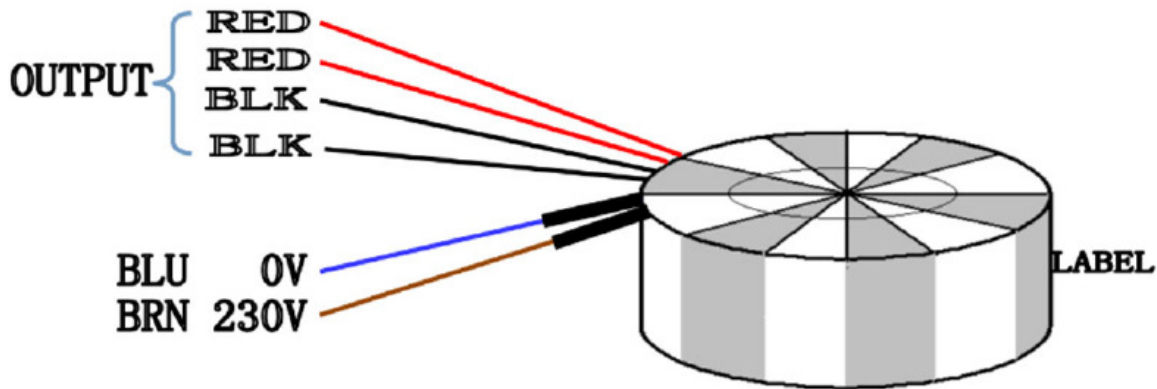


HR DIEMEN EFITER

TECHNICAL SPECIFICATION

Toroidal Mains Transformer Database


MODIFICATIONS			
INDEX	DATE	OBJECT MODIFICATION	APPROVED
00	03/09/25	EDITION	
00	19/09/25	PRINTING ADDED	
00	22/09/25	T025025 LABEL CORRECTED	
00	01/10/25	Referecnce T005015 changed to T005018. Label T050009 corrected.	




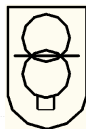
Physical & Mechanical Specification (mm): (NOT in the leads area)					
Winding No.	Wire Length	Wire Class	Wire Colors	Terminal	
Pri. 0~230V	150mm	1672	BLU~BRN, BLU~BRN	Stripped & Tinned 5mm	
Sec. 0~ xV, 0~ xV	150mm	1015	BLK~BLK, RED~RED	Stripped & Tinned 5mm	
Working & Safety Protection:					
<input type="checkbox"/>	Electrostatic Shield	<input type="checkbox"/>	Magnetic Shield		
<input checked="" type="checkbox"/>	Temperature Protection	<input type="checkbox"/>	Over current Protection		
Insulation Test & Major Measurement Facilities:					
Impregnation: Primary & secondary winding in varnish,					
Insulation resistance test: Pri. to Sec.: 500VDC 100MΩ (Min),					
Hi-Pot test: Pass dielectric strength test without any breakdown,					
Pri. to Sec. 4.0kV 60 sec (cut-off current 5mA)					
Temperature Rise:					
Ta=25°C, Test by resistance method at rated load, nature opened environment (Duration of loading 4 hours),					
Primary & Secondary Windings' temperature rise is 60°C.					
F. Accessories, Label, Construction & Material list:					
1.	Metal Washer	1	4.	Nut	1
2.	Rubber Washer	2	5.	Washer	2
3.	Screw	1	6.	Lock Washer	1

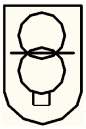
SELECTION GUIDE

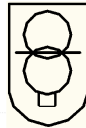
VA Rating	HR reference	Input Voltage (Vac)	Output Voltage (Vac)	Output Current (A)	No-Load Output Voltage	Exciting Current Io max. (mA) (when 0~230V, 50Hz input)	Out diam. (Max.) x Height (Max.) (mm)
30	T003003	230	2x12	2x1,25	2x13.9	25	74x35
30	T003004	230	2x15	2x1,0	2x17.4	25	74x35
30	T003005	230	2x18	2x0,84	2x20.8	25	74x35
50	T005018	230	2x12	2x2,08	2x13.9	30	83x35
50	T005016	230	2x15	2x1,66	2x17.4	30	83x35
50	T005017	230	2x18	2x1,38	2x20.8	30	83x35
80	T010026	230	2x12	2x3,33	2x13.5	35	91x40
100	T010027	230	2x12	2x4,17	2x13.5	40	92x46
120	T012010	230	2x12	2x5,0	2x13.2	50	100x46
160	T020013	230	2x12	2x6,66	2x13.2	55	105x47
200	T020014	230	2x12	2x8,34	2x13.2	65	105x53
220	T025025	230	2x15	2x7,33	2x16.5	65	111x53
225	T025026	230	2x12	2x9,37	2x13.2	65	111x53
230	T025027	230	2x12	2x9,58	2x13.2	70	111x53
300	T030010	230	2x12	2x12,5	2x13.1	80	126x56
500	T050007	230	2x12	2x20,83	2x13.1	90	140x60
500	T050008	230	2x18	2x13,88	2x19.5	90	140x60
500	T050009	230	2x30	2x8,33	2x32.2	90	140x60
800	T100004	230	2x12	2x33,33	2x13.1	110	165x68
1000	T100005	230	2x12	2x41,67	2x13.1	120	168x72


HR	DIEMEN EFITER		
	HR T003003-00		
	XX XX XXXX 00		
CE	PRIMARY	SECONDARY	
EN-61558-2-6	230V BLU-BRN	12V/1.25A BLK-BLK	
cRU us	TF.130°	12V/1.25A RED-RED	
E480694	30VA 50/60HZ ta40B		
	Class B Insulation system (E498615)		


HR	DIEMEN EFITER		
	HR T003004-00		
	XX XX XXXX 00		
CE	PRIMARY	SECONDARY	
EN-61558-2-6	230V BLU-BRN	15V/1A BLK-BLK	
cRU us	TF.130°	15V/1A RED-RED	
E480694	30VA 50/60HZ ta40B		
	Class B Insulation system (E498615)		


HR	DIEMEN EFITER		
	HR T003005-00		
	XX XX XXXX 00		
CE	PRIMARY	SECONDARY	
EN-61558-2-6	230V BLU-BRN	18V/833mA BLK-BLK	
cRU us	TF.130°	18V/833mA RED-RED	
E480694	30VA 50/60HZ ta40B		
	Class B Insulation system (E498615)		


HR	DIEMEN EFITER		
	HR T005018-00		
	XX XX XXXX 00		
CE	PRIMARY	SECONDARY	
EN-61558-2-6	230V BLU-BRN	12V/2.08A BLK-BLK	
cRU us	TF.130°	12V/2.08A RED-RED	
E480694	50VA 50/60HZ ta40B		
	Class B Insulation system (E498615)		


HR	DIEMEN EFITER		
	HR T005016-00		
	XX XX XXXX 00		
CE	PRIMARY	SECONDARY	
EN-61558-2-6	230V BLU-BRN	15V/1.66A BLK-BLK	
cRU us	TF.130°	15V/1.66A RED-RED	
E480694	50VA 50/60HZ ta40B		
	Class B Insulation system (E498615)		


HR	DIEMEN EFITER		
	HR T005017-00		
	XX XX XXXX 00		
CE	PRIMARY	SECONDARY	
EN-61558-2-6	230V BLU-BRN	18V/1.38A BLK-BLK	
cRU us	TF.130°	18V/1.38A RED-RED	
E480694	50VA 50/60HZ ta40B		
	Class B Insulation system (E498615)		


HR	DIEMEN EFITER		
	HR T010026-00		
	XX XX XXXX 00		
CE	PRIMARY	SECONDARY	
EN-61558-2-6	230V BLU-BRN	12V/3.33A BLK-BLK	
cRU us	TF.130°	12V/3.33A RED-RED	
E480694	80VA 50/60HZ ta40B		
	Class B Insulation system (E498615)		


HR	DIEMEN EFITER		
	HR T010027-00		
	XX XX XXXX 00		
CE	PRIMARY	SECONDARY	
EN-61558-2-6	230V BLU-BRN	12V/4.16A BLK-BLK	
cRU us	TF.130°	12V/4.16A RED-RED	
E480694	100VA 50/60HZ ta40B		
	Class B Insulation system (E498615)		


HR	DIEMEN EFITER		
	HR T012010-00		
	XX XX XXXX 00		
CE	PRIMARY	SECONDARY	
EN-61558-2-6	230V BLU-BRN	12V/5A BLK-BLK	
cRU us	TF.130°	12V/5A RED-RED	
E480694	120VA 50/60HZ ta40B		
	Class B Insulation system (E498615)		


HR	DIEMEN EFITER		
	HR T020013-00		
	XX XX XXXX 00		
CE	PRIMARY	SECONDARY	
EN-61558-2-6	230V BLU-BRN	12V/6.66A BLK-BLK	
cRU us	TF.130°	12V/6.66A RED-RED	
E480694	160VA 50/60HZ ta40B		
	Class B Insulation system (E498615)		


HR	DIEMEN EFITER		
	HR T020014-00		
XX XX XXXX 00			
CE EN-61558-2-6	PRIMARY	SECONDARY	
	230V BLU-BRN TF.130°	12V/8.33A BLK-BLK 12V/8.33A RED-RED	
cULus E480694	200VA 50/60HZ ta40B		
	Class B Insulation system (E498615)		


HR	DIEMEN EFITER		
	HR T025025-00		
XX XX XXXX 00			
CE EN-61558-2-6	PRIMARY	SECONDARY	
	230V BLU-BRN TF.130°	15V/7.33A BLK-BLK 15V/7.33A RED-RED	
cULus E480694	220VA 50/60HZ ta40B		
	Class B Insulation system (E498615)		

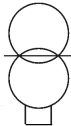
HR	DIEMEN EFITER		
	HR T025026-00		
XX XX XXXX 00			
CE EN-61558-2-6	PRIMARY	SECONDARY	
	230V BLU-BRN TF.130°	12V/9.37A BLK-BLK 12V/9.37A RED-RED	
cULus E480694	225VA 50/60HZ ta40B		
	Class B Insulation system (E498615)		


HR	DIEMEN EFITER		
	HR T025027-00		
XX XX XXXX 00			
CE EN-61558-2-6	PRIMARY	SECONDARY	
	230V BLU-BRN TF.130°	12V/9.58A BLK-BLK 12V/9.58A RED-RED	
cULus E480694	230VA 50/60HZ ta40B		
	Class B Insulation system (E498615)		


HR	DIEMEN EFITER		
	HR T030010-00		
XX XX XXXX 00			
CE EN-61558-2-6	PRIMARY	SECONDARY	
	230V BLU-BRN TF.130°	12V/12.5A BLK-BLK 12V/12.5A RED-RED	
cULus E480694	300VA 50/60HZ ta40B		
	Class B Insulation system (E498615)		

HR	DIEMEN EFITER		
	HR T050007-00		
	XX XX XXXX 00		
CE	PRIMARY	SECONDARY	
EN-61558-2-6	230V BLU-BRN	12V/20.83A BLK-BLK	
cULus	TF.130°	12V/20.83A RED-RED	
E480694	500VA 50/60HZ ta40B		
	Class B Insulation system (E498615)		

HR	DIEMEN EFITER		
	HR T050008-00		
	XX XX XXXX 00		
CE	PRIMARY	SECONDARY	
EN-61558-2-6	230V BLU-BRN	18V/13.88A BLK-BLK	
cULus	TF.130°	18V/13.88A RED-RED	
E480694	500VA 50/60HZ ta40B		
	Class B Insulation system (E498615)		

HR	DIEMEN EFITER		
	HR T050009-00		
	XX XX XXXX 00		
CE	PRIMARY	SECONDARY	
EN-61558-2-4	230V BLU-BRN	30V/8.33A BLK-BLK	
cULus	TF.130°	30V/8.33A RED-RED	
E480694	500VA 50/60HZ ta40B		
	Class B Insulation system (E498615)		

HR	DIEMEN EFITER		
	HR T100004-00		
	XX XX XXXX 00		
CE	PRIMARY	SECONDARY	
EN-61558-2-6	230V BLU-BRN	12V/33.33A BLK-BLK	
cULus	TF.130°	12V/33.33A RED-RED	
E480694	800VA 50/60HZ ta40B		
	Class B Insulation system (E498615)		

HR	DIEMEN EFITER		
	HR T100005-00		
	XX XX XXXX 00		
CE	PRIMARY	SECONDARY	
EN-61558-2-6	230V BLU-BRN	12V/41.66A BLK-BLK	
cULus	TF.130°	12V/41.66A RED-RED	
E480694	1000VA 50/60HZ ta40B		
	Class B Insulation system (E498615)		