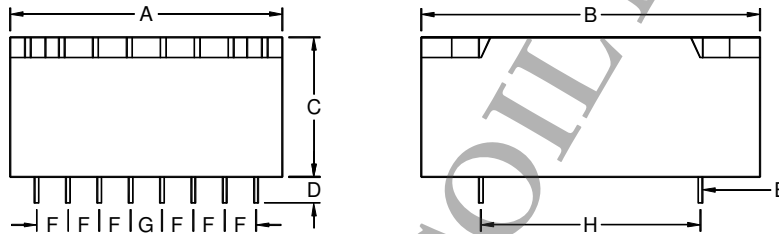


Type UI29

- Power – 2VA to 10VA
- Temperature class – Class B (130°C)
- Ambient temperature – 40°C
- Dielectric strength – 4000Vrms
- Potted under vacuum
- Agency approvals
 - TUV / CE: EN61558 / EN60950
 - UL: UL506
 - C-UL: CSA C22.2 #66



Product Series	Dimension (mm)								Weight (g)
	A	B	C	D	E	F	G	H	
2/3VA	43.5	52.5	17.0	4.0	SQ0.64	5.0	5.0	35.0	115
4VA	43.5	52.5	19.0	4.0	SQ0.64	5.0	5.0	35.0	135
6VA	43.5	52.5	22.0	4.0	SQ0.64	5.0	5.0	35.0	175
8/10VA	43.5	52.5	28.0	4.0	SQ0.64	5.0	5.0	35.0	230
Tolerance	±0.5	±0.5	±0.5	±1.0	±0.1	±0.2	±0.2	±0.5	approx.

Note: Unused pins are omitted for standard parts. Unused pins can be provided upon request.

Schematics

TL29E SERIES		TL29U SERIES	
<p>Bottom View</p>		<p>Bottom View</p>	
Input	115V 60Hz (Pin 1 – Pin 5) (Pins 1, 7 short; Pins 3, 5 short); OR 230V 50Hz (Pin 1 – Pin 5) (Pins 3, 7 short)	Input	115V 60Hz (Pin 1 – Pin 4) (Pins 1, 3 short; Pins 2, 4 short); OR 230V 50Hz (Pin 1 – Pin 4) (Pins 2, 3 short)
Output	In Series (Pin 10 – Pin 14) (Pins 12, 16 short); OR In Parallel (Pin 10 – Pin 14) (Pins 10, 16 short; Pins 12, 14 short)	Output	In Series (Pin 5 – Pin 8) (Pins 6, 7 short); OR In Parallel (Pin 5 – Pin 8) (Pins 5, 7 short; Pins 6, 8 short)

Note: The TCO (thermal cut-off) is omitted for the 2VA, 3VA & 4VA series.

Product Series	Primary (V)	Part Number		Secondary Rating		Agency Approval
		TYPE I	TYPE II	(V)	(mA)	
2VA	2 x 115	TL29E-005-0200	TL29U-005-0200	2 x 5	200	UL506 C-UL TUV CE
		TL29E-006-0166	TL29U-006-0166	2 x 6	166	
		TL29E-008-0125	TL29U-008-0125	2 x 8	125	
		TL29E-009-0111	TL29U-009-0111	2 x 9	111	
		TL29E-010-0100	TL29U-010-0100	2 x 10	100	
		TL29E-012-0083	TL29U-012-0083	2 x 12	83	
		TL29E-015-0066	TL29U-015-0066	2 x 15	66	
		TL29E-017-0059	TL29U-017-0059	2 x 17	59	
		TL29E-018-0055	TL29U-018-0055	2 x 18	55	
		TL29E-020-0050	TL29U-020-0050	2 x 20	50	
		TL29E-021-0047	TL29U-021-0047	2 x 21	47	
		TL29E-024-0041	TL29U-024-0041	2 x 24	41	
		TL29E-028-0036	TL29U-028-0036	2 x 28	36	
		TL29E-115-0009	TL29U-115-0009	2 x 115	9	
		3VA	2 x 115	TL29E-005-0300	TL29U-005-0300	
TL29E-006-0250	TL29U-006-0250			2 x 6	250	
TL29E-008-0187	TL29U-008-0187			2 x 8	187	
TL29E-009-0166	TL29U-009-0166			2 x 9	166	
TL29E-010-0150	TL29U-010-0150			2 x 10	150	
TL29E-012-0125	TL29U-012-0125			2 x 12	125	
TL29E-015-0100	TL29U-015-0100			2 x 15	100	
TL29E-017-0088	TL29U-017-0088			2 x 17	88	
TL29E-018-0083	TL29U-018-0083			2 x 18	83	
TL29E-020-0075	TL29U-020-0075			2 x 20	75	
TL29E-021-0071	TL29U-021-0071			2 x 21	71	
TL29E-024-0063	TL29U-024-0063			2 x 24	63	
TL29E-028-0053	TL29U-028-0053			2 x 28	53	
TL29E-115-0013	TL29U-115-0013			2 x 115	13	
4VA	2 x 115			TL29E-005-0400	TL29U-005-0400	2 x 5
		TL29E-006-0333	TL29U-006-0333	2 x 6	333	
		TL29E-008-0250	TL29U-008-0250	2 x 8	250	
		TL29E-009-0222	TL29U-009-0222	2 x 9	222	
		TL29E-010-0200	TL29U-010-0200	2 x 10	200	
		TL29E-012-0166	TL29U-012-0166	2 x 12	166	
		TL29E-015-0133	TL29U-015-0133	2 x 15	133	
		TL29E-017-0118	TL29U-017-0118	2 x 17	118	
		TL29E-018-0111	TL29U-018-0111	2 x 18	111	
		TL29E-020-0100	TL29U-020-0100	2 x 20	100	
		TL29E-021-0095	TL29U-021-0095	2 x 21	95	
		TL29E-024-0083	TL29U-024-0083	2 x 24	83	
		TL29E-028-0071	TL29U-028-0071	2 x 28	71	
		TL29E-115-0017	TL29U-115-0017	2 x 115	17	

Note: The 2VA, 3VA & 4VA series are short-circuit proof transformers.

Product Series	Primary (V)	Part Number		Secondary Rating		Agency Approval
		TYPE I	TYPE II	(V)	(mA)	
6VA	2 x 115	TL29E-005-0600	TL29U-005-0600	2 x 5	600	UL506 C-UL TUV CE
		TL29E-006-0500	TL29U-006-0500	2 x 6	500	
		TL29E-008-0375	TL29U-008-0375	2 x 8	375	
		TL29E-009-0333	TL29U-009-0333	2 x 9	333	
		TL29E-010-0300	TL29U-010-0300	2 x 10	300	
		TL29E-012-0250	TL29U-012-0250	2 x 12	250	
		TL29E-015-0200	TL29U-015-0200	2 x 15	200	
		TL29E-017-0176	TL29U-017-0176	2 x 17	176	
		TL29E-018-0166	TL29U-018-0166	2 x 18	166	
		TL29E-020-0150	TL29U-020-0150	2 x 20	150	
		TL29E-021-0142	TL29U-021-0142	2 x 21	142	
		TL29E-024-0125	TL29U-024-0125	2 x 24	125	
		TL29E-028-0107	TL29U-028-0107	2 x 28	107	
		TL29E-115-0026	TL29U-115-0026	2 x 115	26	
		8VA	2 x 115	TL29E-005-0800	TL29U-005-0800	
TL29E-006-0666	TL29U-006-0666			2 x 6	666	
TL29E-008-0500	TL29U-008-0500			2 x 8	500	
TL29E-009-0444	TL29U-009-0444			2 x 9	444	
TL29E-010-0400	TL29U-010-0400			2 x 10	400	
TL29E-012-0333	TL29U-012-0333			2 x 12	333	
TL29E-015-0266	TL29U-015-0266			2 x 15	266	
TL29E-017-0235	TL29U-017-0235			2 x 17	235	
TL29E-018-0222	TL29U-018-0222			2 x 18	222	
TL29E-020-0200	TL29U-020-0200			2 x 20	200	
TL29E-021-0190	TL29U-021-0190			2 x 21	190	
TL29E-024-0166	TL29U-024-0166			2 x 24	166	
TL29E-028-0143	TL29U-028-0143			2 x 28	143	
TL29E-115-0035	TL29U-115-0035			2 x 115	35	
10VA	2 x 115			TL29E-005-1000	TL29U-005-1000	2 x 5
		TL29E-006-0833	TL29U-006-0833	2 x 6	833	
		TL29E-008-0625	TL29U-008-0625	2 x 8	625	
		TL29E-009-0555	TL29U-009-0555	2 x 9	555	
		TL29E-010-0500	TL29U-010-0500	2 x 10	500	
		TL29E-012-0416	TL29U-012-0416	2 x 12	416	
		TL29E-015-0333	TL29U-015-0333	2 x 15	333	
		TL29E-017-0294	TL29U-017-0294	2 x 17	294	
		TL29E-018-0277	TL29U-018-0277	2 x 18	277	
		TL29E-020-0250	TL29U-020-0250	2 x 20	250	
		TL29E-021-0238	TL29U-021-0238	2 x 21	238	
		TL29E-024-0208	TL29U-024-0208	2 x 24	208	
		TL29E-028-0179	TL29U-028-0179	2 x 28	179	
		TL29E-115-0043	TL29U-115-0043	2 x 115	43	

Note: The 6VA, 8VA & 10VA series are fail-safe transformers.