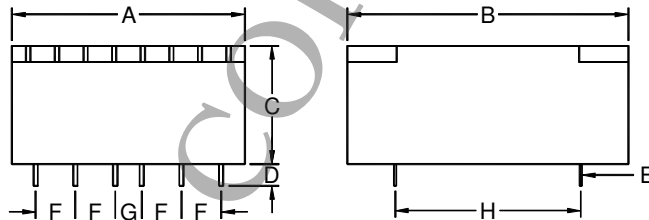
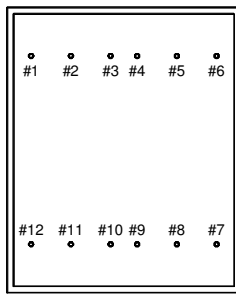


Type UI21

- Power – 0.8VA & 1VA
- Temperature class – Class F (155°C)
- Ambient temperature – 70°C
- Dielectric strength – 4000Vrms
- Potted under vacuum
- Inherently short-circuit-proof
- Agency approvals
 - TUV / CE: EN61558 / EN60950
 - UL: UL5085-1 / -2
 - C-UL: CSA C22.2 #66 / #66.1 / #66.2



	A	B	C	D	E	F	G	H	Weight (g)
Dimension (mm)	31.0	34.0	15.0	4.0	SQ0.64	5.0	3.5	20.0	55
Tolerance (mm)	±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

TL21EA SERIES		TL21EB SERIES	
<p>Bottom View</p>		<p>Bottom View</p>	
Input	230V 50/60Hz (Pin 1 – Pin 3)	Input	230V 50/60Hz (Pin 2 – Pin 12)
Output	Pin 7 – Pin 8	Output	Pin 5 – Pin 7

Schematics

TL21UA SERIES		TL21UB SERIES	
<p>Bottom View</p>		<p>Bottom View</p>	
Input	115V 50/60Hz (Pin 1 – Pin 3)	Input	115V 50/60Hz (Pin 2 – Pin 12)
Output	Pin 7 – Pin 8	Output	Pin 5 – Pin 7

TL21E SERIES		TL21U SERIES	
<p>Bottom View</p>		<p>Bottom View</p>	
Input	115V 50/60Hz (Pin 1 – Pin 6) (Pins 1, 4 short; Pins 3, 6 short); OR 230V 50/60Hz (Pin 1 – Pin 6) (Pins 3, 4 short)	Input	115V 50/60Hz (Pin 1 – Pin 6) (Pins 1, 4 short; Pins 3, 6 short); OR 230V 50/60Hz (Pin 1 – Pin 6) (Pins 3, 4 short)
Output	In Series (Pin 7 – Pin 12) (Pins 8, 11 short); OR In Parallel (Pin 7 – Pin 12) (Pins 7, 11 short; Pins 8, 12 short); OR Individual (Pin 7 – Pin 8) & (Pin 11 - Pin 12)	Output	In Series (Pin 8 – Pin 11) (Pins 9, 10 short); OR In Parallel (Pin 8 – Pin 11) (Pins 8, 10 short; Pins 9, 11 short); OR Individual (Pin 8 – Pin 9) & (Pin 10 - Pin 11)

Product Series	Primary (V)	Part Number		Secondary Rating		Agency Approval
		TYPE I	TYPE II	(V)	(mA)	
0.8VA	230	TL21EA-003-0266	TL21EB-003-0266	3	266	TUV CE
		TL21EA-006-0132	TL21EB-006-0132	6	132	
		TL21EA-007-0106	TL21EB-007-0106	7.5	106	
		TL21EA-009-0088	TL21EB-009-0088	9	88	
		TL21EA-010-0080	TL21EB-010-0080	10	80	
		TL21EA-012-0066	TL21EB-012-0066	12	66	
		TL21EA-015-0054	TL21EB-015-0054	15	54	
		TL21EA-018-0044	TL21EB-018-0044	18	44	
		TL21EA-021-0038	TL21EB-021-0038	21	38	
	TL21EA-024-0034	TL21EB-024-0034	24	34		
	115	TL21UA-003-0266	TL21UB-003-0266	3	266	UL5085-1/-2 C-UL
		TL21UA-006-0132	TL21UB-006-0132	6	132	
		TL21UA-007-0106	TL21UB-007-0106	7.5	106	
		TL21UA-009-0088	TL21UB-009-0088	9	88	
		TL21UA-010-0080	TL21UB-010-0080	10	80	
		TL21UA-012-0066	TL21UB-012-0066	12	66	
		TL21UA-015-0054	TL21UB-015-0054	15	54	
		TL21UA-018-0044	TL21UB-018-0044	18	44	
		TL21UA-021-0038	TL21UB-021-0038	21	38	
	TL21UA-024-0034	TL21UB-024-0034	24	34		
	2 x 115	TL21E-003-0133	TL21U-003-0133	2 x 3	133	UL5085-1/-2 C-UL TUV CE
		TL21E-006-0066	TL21U-006-0066	2 x 6	66	
		TL21E-007-0053	TL21U-007-0053	2 x 7.5	53	
		TL21E-009-0044	TL21U-009-0044	2 x 9	44	
TL21E-010-0040		TL21U-010-0040	2 x 10	40		
TL21E-012-0033		TL21U-012-0033	2 x 12	33		
TL21E-015-0027		TL21U-015-0027	2 x 15	27		
TL21E-018-0022		TL21U-018-0022	2 x 18	22		
TL21E-021-0019		TL21U-021-0019	2 x 21	19		
TL21E-024-0017	TL21U-024-0017	2 x 24	17			

Product Series	Primary (V)	Part Number		Secondary Rating		Agency Approval
		TYPE I	TYPE II	(V)	(mA)	
1.0VA	230	TL21EA-003-0334	TL21EB-003-0334	3	334	TUV CE
		TL21EA-006-0166	TL21EB-006-0166	6	166	
		TL21EA-007-0134	TL21EB-007-0134	7.5	134	
		TL21EA-009-0112	TL21EB-009-0112	9	112	
		TL21EA-010-0100	TL21EB-010-0100	10	100	
		TL21EA-012-0084	TL21EB-012-0084	12	84	
		TL21EA-015-0066	TL21EB-015-0066	15	66	
		TL21EA-018-0056	TL21EB-018-0056	18	56	
		TL21EA-021-0048	TL21EB-021-0048	21	48	
	TL21EA-024-0042	TL21EB-024-0042	24	42		
	115	TL21UA-003-0334	TL21UB-003-0334	3	334	UL5085-1/-2 C-UL
		TL21UA-006-0166	TL21UB-006-0166	6	166	
		TL21UA-007-0134	TL21UB-007-0134	7.5	134	
		TL21UA-009-0112	TL21UB-009-0112	9	112	
		TL21UA-010-0100	TL21UB-010-0100	10	100	
		TL21UA-012-0084	TL21UB-012-0084	12	84	
		TL21UA-015-0066	TL21UB-015-0066	15	66	
		TL21UA-018-0056	TL21UB-018-0056	18	56	
		TL21UA-021-0048	TL21UB-021-0048	21	48	
	TL21UA-024-0042	TL21UB-024-0042	24	42		
	2 x 115	TL21E-003-0167	TL21U-003-0167	2 x 3	167	UL5085-1/-2 C-UL TUV CE
		TL21E-006-0083	TL21U-006-0083	2 x 6	83	
		TL21E-007-0067	TL21U-007-0067	2 x 7.5	67	
		TL21E-009-0056	TL21U-009-0056	2 x 9	56	
		TL21E-010-0050	TL21U-010-0050	2 x 10	50	
		TL21E-012-0042	TL21U-012-0042	2 x 12	42	
		TL21E-015-0033	TL21U-015-0033	2 x 15	33	
TL21E-018-0028		TL21U-018-0028	2 x 18	28		
TL21E-021-0024		TL21U-021-0024	2 x 21	24		
TL21E-024-0021	TL21U-024-0021	2 x 24	21			