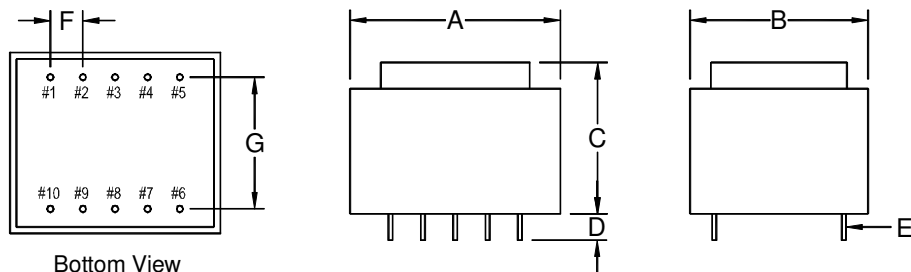




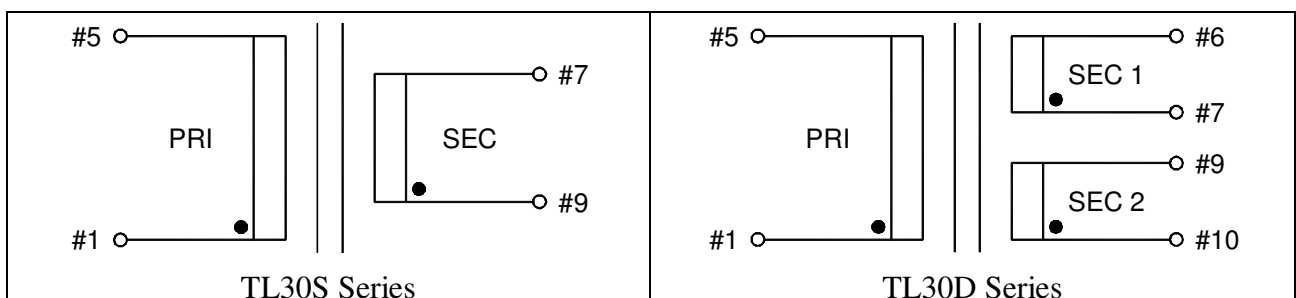
- Power – 1.0 ~ 2.8VA
- Input voltage – 230V $\pm 15\%$, 50/60Hz
- Temperature class – Class B (130°C)
- Ambient temperature (t_a) – 70°C
- Dielectric strength – 4000Vrms
- Max. standby power consumption – 0.5 Watts
- Inherently short-circuit-proof
- Potted under vacuum
- Agency approvals
 - TUV / CE: EN61558 / EN60950
 - CQC: GB19212.1 / GB19212.7



Series	Dimension (mm)							Weight (g)
	A	B	C	D	E	F	G	
1.0 (VA)	32.3	27.3	22.8	4.0	SQ0.64	5.0	20.0	80
1.3 (VA)	32.3	27.3	23.8	4.0	SQ0.64	5.0	20.0	85
1.5 (VA)								
1.8 (VA)	32.6	27.6	27.8	4.0	SQ0.64	5.0	20.0	100
1.9 (VA)								
2.1 (VA)								
2.3 (VA)								
2.4 (VA)	32.6	27.6	29.8	4.0	SQ0.64	5.0	20.0	110
2.7 (VA)								
2.8 (VA)								
Tolerance	± 0.5	± 0.5	± 0.5	± 1.0	± 0.1	± 0.2	± 0.5	approx.

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

Schematics



Product Series	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
	Part Number 230V/50Hz	Secondary Rating		Part Number 230V/50Hz	Secondary Rating			
		(V)	(mA)		(V)	(mA)		
*1.0VA	TL30S-060-167EP	6	167	TL30D-060-083EP	2 x 6	83	70	TUV CE CQC
	TL30S-072-139EP	7.2	139	TL30D-072-069EP	2 x 7.2	69		
	TL30S-090-111EP	9	111	TL30D-090-056EP	2 x 9	56		
	TL30S-100-100EP	10	100	TL30D-100-050EP	2 x 10	50		
	TL30S-120-083EP	12	83	TL30D-120-042EP	2 x 12	42		
	TL30S-150-067EP	15	67	TL30D-150-033EP	2 x 15	33		
	TL30S-180-056EP	18	56	TL30D-180-028EP	2 x 18	28		
	TL30S-240-042EP	24	42	TL30D-240-021EP	2 x 24	21		
	1.3VA	TL30S-060-217EP	6	217	TL30D-060-108EP	2 x 6		
TL30S-072-181EP		7.2	181	TL30D-072-090EP	2 x 7.2	90		
TL30S-090-144EP		9	144	TL30D-090-072EP	2 x 9	72		
TL30S-100-130EP		10	130	TL30D-100-065EP	2 x 10	65		
TL30S-120-108EP		12	108	TL30D-120-054EP	2 x 12	54		
TL30S-150-087EP		15	87	TL30D-150-043EP	2 x 15	43		
TL30S-180-072EP		18	72	TL30D-180-036EP	2 x 18	36		
TL30S-240-054EP		24	54	TL30D-240-027EP	2 x 24	27		
1.5VA		TL30S-060-250EP	6	250	TL30D-060-125EP	2 x 6	125	70
	TL30S-072-208EP	7.2	208	TL30D-072-104EP	2 x 7.2	104		
	TL30S-090-167EP	9	167	TL30D-090-083EP	2 x 9	83		
	TL30S-100-150EP	10	150	TL30D-100-075EP	2 x 10	75		
	TL30S-120-125EP	12	125	TL30D-120-062EP	2 x 12	62		
	TL30S-150-100EP	15	100	TL30D-150-050EP	2 x 15	50		
	TL30S-180-083EP	18	83	TL30D-180-042EP	2 x 18	42		
	TL30S-240-062EP	24	62	TL30D-240-031EP	2 x 24	31		
	1.8VA	TL30S-060-300EP	6	300	TL30D-060-150EP	2 x 6	150	
TL30S-072-250EP		7.2	250	TL30D-072-125EP	2 x 7.2	125		
TL30S-090-200EP		9	200	TL30D-090-100EP	2 x 9	100		
TL30S-100-180EP		10	180	TL30D-100-090EP	2 x 10	90		
TL30S-120-150EP		12	150	TL30D-120-075EP	2 x 12	75		
TL30S-150-120EP		15	120	TL30D-150-060EP	2 x 15	60		
TL30S-180-100EP		18	100	TL30D-180-050EP	2 x 18	50		
TL30S-240-076EP		24	76	TL30D-240-038EP	2 x 24	38		
1.9VA		TL30S-060-318EP	6	318	TL30D-060-159EP	2 x 6	159	70
	TL30S-072-264EP	7.2	264	TL30D-072-132EP	2 x 7.2	132		
	TL30S-090-212EP	9	212	TL30D-090-106EP	2 x 9	106		
	TL30S-100-190EP	10	190	TL30D-100-095EP	2 x 10	95		
	TL30S-120-158EP	12	158	TL30D-120-079EP	2 x 12	79		
	TL30S-150-128EP	15	128	TL30D-150-064EP	2 x 15	64		
	TL30S-180-106EP	18	106	TL30D-180-053EP	2 x 18	53		
	TL30S-240-080EP	24	80	TL30D-240-040EP	2 x 24	40		
	2.1VA	TL30S-060-350EP	6	350	TL30D-060-175EP	2 x 6	175	
TL30S-072-292EP		7.2	292	TL30D-072-146EP	2 x 7.2	146		
TL30S-090-234EP		9	234	TL30D-090-117EP	2 x 9	117		
TL30S-100-210EP		10	210	TL30D-100-105EP	2 x 10	105		
TL30S-120-176EP		12	176	TL30D-120-088EP	2 x 12	88		
TL30S-150-140EP		15	140	TL30D-150-070EP	2 x 15	70		
TL30S-180-118EP		18	118	TL30D-180-059EP	2 x 18	59		
TL30S-240-088EP		24	88	TL30D-240-044EP	2 x 24	44		

- Note:
- 1) For CQC approved products, the suffixes "EP" are replaced by "EC".
 - 2) The ambient temperatures of 1.0VA products with TÜV approval are 85°C.

Product Series	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
	Part Number 230V/50Hz	Secondary Rating		Part Number 230V/50Hz	Secondary Rating			
		(V)	(mA)		(V)	(mA)		
2.3VA	TL30S-060-383EP	6	383	TL30D-060-191EP	2 x 6	191	70	TUV CE CQC
	TL30S-072-319EP	7.2	319	TL30D-072-160EP	2 x 7.2	160		
	TL30S-090-255EP	9	255	TL30D-090-128EP	2 x 9	128		
	TL30S-100-230EP	10	230	TL30D-100-115EP	2 x 10	115		
	TL30S-120-192EP	12	192	TL30D-120-096EP	2 x 12	96		
	TL30S-150-153EP	15	153	TL30D-150-076EP	2 x 15	76		
	TL30S-180-128EP	18	128	TL30D-180-064EP	2 x 18	64		
	TL30S-240-096EP	24	96	TL30D-240-048EP	2 x 24	48		
2.4VA	TL30S-060-400EP	6	400	TL30D-060-200EP	2 x 6	200	70	TUV CE CQC
	TL30S-072-334EP	7.2	334	TL30D-072-167EP	2 x 7.2	167		
	TL30S-090-268EP	9	268	TL30D-090-134EP	2 x 9	134		
	TL30S-100-240EP	10	240	TL30D-100-120EP	2 x 10	120		
	TL30S-120-200EP	12	200	TL30D-120-100EP	2 x 12	100		
	TL30S-150-160EP	15	160	TL30D-150-080EP	2 x 15	80		
	TL30S-180-134EP	18	134	TL30D-180-067EP	2 x 18	67		
	TL30S-240-100EP	24	100	TL30D-240-050EP	2 x 24	50		
2.7VA	TL30S-060-450EP	6	450	TL30D-060-225EP	2 x 6	225	70	TUV CE CQC
	TL30S-072-375EP	7.2	375	TL30D-072-187EP	2 x 7.2	187		
	TL30S-090-300EP	9	300	TL30D-090-150EP	2 x 9	150		
	TL30S-100-270EP	10	270	TL30D-100-135EP	2 x 10	135		
	TL30S-120-225EP	12	225	TL30D-120-112EP	2 x 12	112		
	TL30S-150-180EP	15	180	TL30D-150-090EP	2 x 15	90		
	TL30S-180-150EP	18	150	TL30D-180-075EP	2 x 18	75		
	TL30S-240-112EP	24	112	TL30D-240-056EP	2 x 24	56		
2.8VA	TL30S-060-466EP	6	466	TL30D-060-233EP	2 x 6	233	70	TUV CE CQC
	TL30S-072-388EP	7.2	388	TL30D-072-194EP	2 x 7.2	194		
	TL30S-090-311EP	9	311	TL30D-090-155EP	2 x 9	155		
	TL30S-100-280EP	10	280	TL30D-100-140EP	2 x 10	140		
	TL30S-120-233EP	12	233	TL30D-120-116EP	2 x 12	116		
	TL30S-150-186EP	15	186	TL30D-150-093EP	2 x 15	93		
	TL30S-180-155EP	18	155	TL30D-180-077EP	2 x 18	77		
	TL30S-240-116EP	24	116	TL30D-240-058EP	2 x 24	58		

Note: For CQC approved products, the suffixes "EP" are replaced by "EC".

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