

SINGLE-PHASE TRANSFORMERS T1-UL cUL^{us} T1-ULF cUL^{us}



Type	: Open type single-phase transformers according to UL-506 and CSA C22.2 n. 66
Test voltage	: 4000V - 50Hz (...)
Protection degree	: IP 00
Insulation class	: Class A (105°), F (155°)
Impulse current	: from 15 (50VA) to 26 times (2000VA) the rated current
Frequency	: 50-60 Hz
Terminals	: 1.5 mm ² (16 AWG) to 10 mm ² (8 AWG), Wago or Phoenix
File	: E 169331 cUL ^{us} 100 A E 169331 - vol2 cUL ^{us} Industrial control transformers 100 A

Description:

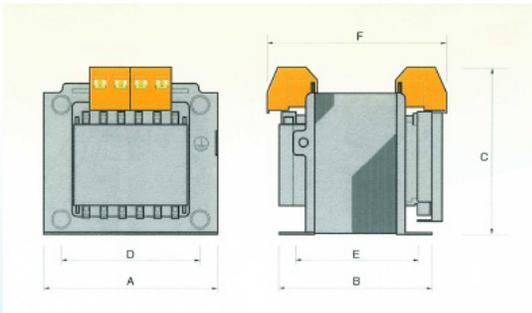
Based on the approval from the Underwriters Laboratories, we can build single-phase transformers according to customer requirements. This approval makes it possible to offer:

- Class A (105°) and F (155°)
- Construction type: in air
- Input voltage (max. 3): between 100 V and 600 V
- Output voltage (max. 3): between 12 V and 440 V
- In addition, intermediate taps are available for both primary and secondary
- Maximum current: 100 A
- Fuseholder blocks also available: glass fuses 5x20 mm²/5x25 mm² 300 V - 6.3 A (see back for details)

Notice:

All dimensional data refer to transformers with the following characteristics:

- One input voltage (max 600V) - One output voltage (max 440V-40A)
- Max. ambient temperature 40°C - Insulation class: A
- Standard double insulation execution up to 400 VA - Higher power ratings on requests.



Dimension:

Item	Power cosφ=1 (VA)	Loss of voltage %	Efficiency %	Dimensions (mm±1)						Weight (Kg)
				A	B	C	D	E	F	
T1-UL - 50	50	16,7	79	78	64	78	59	53	89	1,2
T1-UL - 75	75	12,8	83	86	70	86	70	55	95	1,6
T1-UL - 100	100	11,6	85	86	80	86	70	65	105	2
T1-UL - 130	130	9,6	86	98	86	96	80	68	105	2,6
T1-UL - 150	150	9,3	87	98	91	96	80	73	110	2,8
T1-UL - 160	160	9,2	87	98	101	96	80	83	120	3,1
T1-UL - 200	200	9,2	87	122	92	110	100	72	100	3,6
T1-UL - 220	220	8,8	88	122	97	110	100	77	110	4
T1-UL - 250	250	8,2	89	122	102	110	100	82	115	4,5
T1-UL - 300	300	7,1	89	122	112	110	100	92	120	5,2
T1-UL - 330	330	6,8	90	122	122	110	100	102	130	6,2
T1-UL - 400	400	5,6	91	122	132	110	100	112	140	6,9
T1-UL - 450	450	5,6	91	153	116	136	126	93	110	7
T1-UL - 500	500	5,5	91	153	116	136	126	93	110	7,1
T1-UL - 600	600	5,4	92	153	126	136	126	103	120	8,6
T1-UL - 630	630	5	93	153	136	136	126	113	130	10,2
T1-UL - 800	800	4,2	93	153	156	136	126	133	150	12,1
T1-UL - 1000	1000	3,7	94	192	122	185	143	100	135	13,3
T1-UL - 1500	1500	3,2	94	192	147	185	143	125	160	20
T1-UL - 2000	2000	2,4	95	192	167	185	143	145	180	25,8

Transformers are DIN mountable up to 100 VA (see back for details)