

UL5085 approved single-phase transformers dual voltage safety output



Power: 30 ÷ 3000 VA

Input voltage: 220 - 480 ± 20V VAC

Secondary circuit output voltage: 0 12 and/or 0 24 VAC

Technical data

Duty cycle: continuous

Frequency: 50/60 Hz

Protection rating: IP 00

Terminal block protection rating: IP 20

Ambient temperature: +40°C MAX

Thermal insulation class: B/130°C ENEC - F/155°C UL

Protection against direct and indirect contact: class I

Winding material: copper

Standards: EN61558-2-6 CSA C22.2 N.66 UL5085

Approvals: cURus File E364320 - ENEC05 - KEMA-KEUR



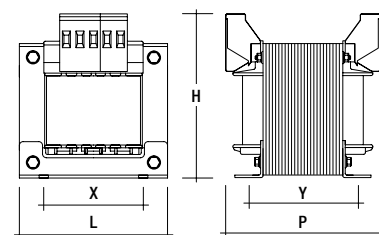
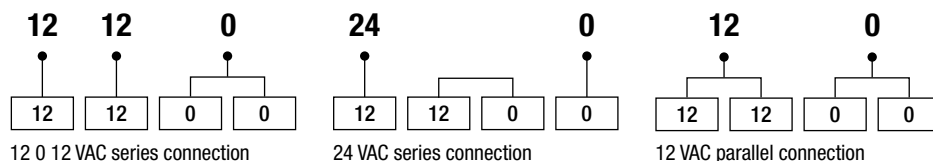
Approved single-phase transformers for safety circuits.

The insulation between the primary and secondary windings is always double.

DUOL-S series with dual voltage secondary circuit for use of full power at both voltage values.

Suitable for the majority of electrical installations with a single transformer for American and European markets.

Secondary circuit terminal block connection diagram



Pri. 220 480 ±20V Sec. 12 and/or 24 code	Power (VA)	Length L (mm)	Depth P (mm)	Height H (mm)	Fixing		Weight (Kg)	Losses FE W	Losses CU	Vcc %
DUOLS30AB	30	76	75	85	53	53	1,5	8	8,6	9,5
DUOLS50AB	50	85	80	90	60	45	1,9	9	8,4	8
DUOLS80AB	80	85	90	90	60	65	2	13	8	8,3
DUOLS10BB	100	85	95	90	60	70	2,2	14	7,8	8,5
DUOLS15BB	150	97	90	98	68	72	2,8	17	6	6,5
DUOLS20BB	200	97	100	98	68	87	4	23	5,8	5
DUOLS25BB	250	120	95	130	80	77	4,5	25	6	5,5
DUOLS30BB	300	120	100	130	80	83	5,5	30	6,3	5,2
DUOLS40BB	400	120	110	130	80	93	7,5	35	4,8	5
DUOLS50BB	500	135	117	140	90	88	8	40	5,5	4,4
DUOLS60BB	600	150	120	155	105	90	10	48	4	3,8
DUOLS80BB	800	150	130	155	105	100	11,5	50	3,8	3,5
DUOLS10CB	1000	150	140	155	105	110	13	58	3	3,2
DUOLS16CB	1600	180	145	180	128	110	16	85	3,1	3,8
DUOLS20CB	2000	193	170	190	135	135	25	110	2	2,8
DUOLS25CB	2500	193	180	190	135	145	27	130	1,9	2,6
DUOLS30CB	3000	193	200	190	135	165	30	160	1,5	2,3