

Single-phase dual voltage safety transformers



Power: 30 ÷ 3000 VA

Input voltage: 0 230 400 ± 15V 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 IEC - F/155°C UL

Protection against direct and indirect contact: class I

Winding material: copper

Standards: EN61558-2-6

Approvals: cURus (insulation systems AB155 UL CSA file number E340840)

ENEC05 - KEMA-KEUR

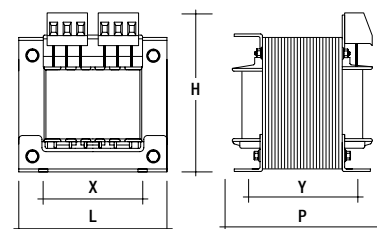
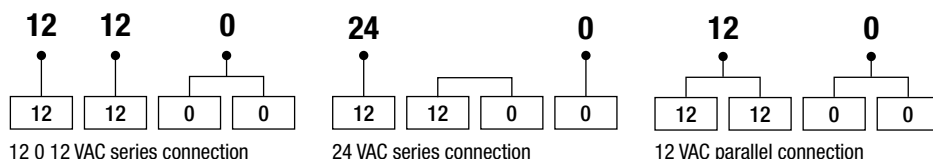


Transformers approved for safety circuits. The insulation between the primary and secondary winding is double and created with the UL CSA certified insulation system.

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

Suitable for the majority of electrical installations with a single transformer.

Secondary circuit terminal block connection diagram



Pri. 230 400 ± 15V 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 %
DUOS30AB	30	76	70	85	53	49	1,3	7	10	10,5
DUOS50AB	50	76	75	85	53	53	1,5	8	8,6	9,5
DUOS63AB	63	85	85	90	60	60	1,9	11,8	8,6	9
DUOS80AB	80	85	90	90	60	65	2	13	8	8,3
DUOS10BB	100	85	95	90	60	70	2,2	14	7,8	8,5
DUOS15BB	150	97	90	98	68	72	2,8	17	6	6,5
DUOS20BB	200	97	100	98	68	87	4	23	5,8	5
DUOS25BB	250	120	95	130	80	77	4,5	25	6	5,5
DUOS30BB	300	120	100	130	80	83	5,5	30	6,3	5,2
*DUOS40BB	400	120	120	130	80	103	7,5	35	4,8	5
*DUOS50BB	500	135	117	140	90	88	8	40	5,5	4,4
*DUOS60BB	600	150	110	155	105	80	8,5	45	5	4
*DUOS63BB	630	150	110	155	105	80	8,5	45	5	4
*DUOS70BB	700	150	120	155	105	90	10	48	4	3,8
*DUOS80BB	800	150	130	155	105	100	11,5	50	3,8	3,5
*DUOS10CB	1000	150	140	155	105	110	13	58	3	3,2
*DUOS13CB	1300	180	145	180	128	110	16	85	3,1	3,8
*DUOS16CB	1600	180	155	180	128	120	15	88	3,2	4

* Transformers without ENEC05 – KEMA-KEUR approval

The data in this catalogue are not binding. We reserve the right to make changes without notice.