

Single-phase transformers with direct safety output



Power: 30 ÷ 2000 VA

Input voltage: 0 230 400 VAC

Secondary circuit output voltage: 0 12 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

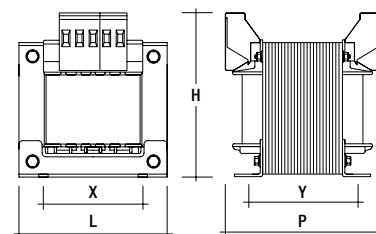
Approvals: cURus (insulation systems AB155 UL CSA file number E340840)

ENEC05 - KEMA-KEUR



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

USE series units are designed for general use.



Pri. 230 400 Sec. 12 code	Pri. 230 400 Sec. 24 code	Power (VA)	Length L (mm)	Depth P (mm)	Height H (mm)	Fixing		Weight (Kg)	Losses FE W	Losses CU	Vcc %
X	Y										
USE30AA	USE30AB	30	76	70	85	53	49	1,3	7	10	10,5
USE50AA	USE50AB	50	76	75	85	53	53	1,5	8	8,6	9,5
USE63AA	USE63AB	63	85	85	90	60	60	1,9	11,8	8,6	9
USE80AA	USE80AB	80	85	90	90	60	65	2	13	8	8,3
USE10BA	USE10BB	100	85	95	90	60	70	2,2	14	7,8	8,5
USE15BA	USE15BB	150	97	90	98	68	72	2,8	17	6	6,5
USE20BA	USE20BB	200	97	100	98	68	87	4	23	5,8	5
*USE25BA	USE25BB	250	120	95	130	80	77	4,5	25	6	5,5
*USE30BA	USE30BB	300	120	100	130	80	83	5,5	30	6,3	5,2
*USE40BA	*USE40BB	400	120	110	130	80	93	6	35	4,8	5
*USE50BA	*USE50BB	500	120	120	130	80	103	7,5	37	4,7	5
*USE55BA	*USE55BB	550	135	117	140	90	88	8	40	5,5	4,4
*USE60BA	*USE60BB	600	150	110	155	105	80	8,5	45	5	4
*USE63BA	*USE63BB	630	150	110	155	105	80	8,5	45	5	4
*USE70BA	*USE70BB	700	150	120	155	105	90	10	48	4	3,8
*USE80BA	*USE80BB	800	150	130	155	105	100	11,5	50	3,8	3,5
*USE10CA	*USE10CB	1000	150	140	155	105	110	13	58	3	3,2
*USE13CA	*USE13CB	1300	180	145	180	128	110	16	85	3,1	3,8
*USE16CA	*USE16CB	1600	180	145	180	128	110	18	88	3,2	4
	*USE20CB	2000	193	160	190	135	125	23	92	2,5	3

* Transformers without ENEC05 – KEMA-KEUR approval

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