

Shell-type Single-phase transformers
According to UL/CSA

Series MMNA

Power from 15VA to 2500VA
Input from 100V to 600V
Output from 1V to 600V

UL File component XPTQ 2/8 E325401

UL Insulation System Class 155(F), type '155-3'. For details refer to File OBJY 2/8 E345057, Volume 1, Section 1.

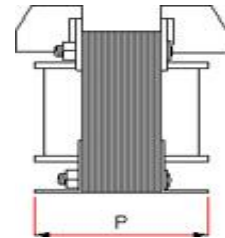
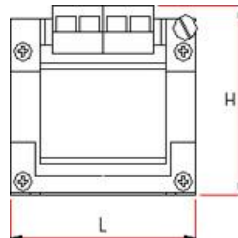
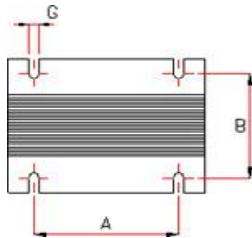
CSA file Master Contract: 221713 on CSA website

Technical features

- Shell-type single-phase transformer according to US standard UL N° 5085 (UL N° 506 12 edition) , Canadian Standard CSA C22.2 N°66 IEC 61558-2-4 and IEC 61558-2-6 VDE 0570 Teil 1 , VDE 0570 Teil 2-4, VDE 0570 Teil 2 -6.
- Rated output power from 15 to 2500VA
- Made with lamination EI with low wastage
- Input voltage from 100V to 600V single voltage. Max 10 voltage with regulation steps \pm on request.
- Max 4 output voltage, from 1V to 600V. Current max 600A (to decrease depending on the power of the transformer). Max 10 voltage with regulation steps \pm on request.
- Frequency 50/60 Hz
- Insulation material group F
- Ambient temperature max. 40 °C
- Degree of protection IP 00 – Terminal blocks IP 20
- Class I built with M4 or M5 ground
- Zinctropicalized steel fixing angles
- Impregnated by immersion with insulating resin oven polymerized

Dimensions and drillings

Reference number	Rated thermal output (VA)	Dimensions			Drillings			Dissipated power (W)	Efficiency (%)	Weight (Kg)
		L	P	H	A	B	G			
MMNA/0015	15	68	76	72	45	46	4.5	3.70	75.33	0.63
MMNA/0030	30	75	80	78	55	50	5	7.20	76	0.95
MMNA/0050	50	84	80	84	60	56	5.5	10.40	79.20	1.19
MMNA/0075	75	84	90	84	60	66	5.5	14.30	80.93	1.65
MMNA/0100	100	96	91	92	68	68	5	17.40	82.60	1.90
MMNA/0150	150	96	101	92	68	78	5	20.40	86.40	2.64
MMNA/0200	200	120	90	111	80	65	6.5	25.00	87.50	3.20
MMNA/0250	250	120	105	111	80	80	6.5	29.00	88.40	3.72
MMNA/0300	300	120	115	111	80	90	6.5	32.60	89.13	4.57
MMNA/0400	400	120	125	111	80	100	6.5	38.20	90.45	5.55
MMNA/0500	500	150	120	150	105	80	7	43.50	91.30	6.83
MMNA/0600	600	150	130	120	105	90	7	48.10	91.98	7.82
MMNA/0800	800	150	150	150	105	110	7	54.00	93.25	10.5
MMNA/1000	1000	180	150	170	115	100	8	60.20	93.98	12.0
MMNA/1200	1200	180	160	170	115	110	8	65.60	94.53	13.9
MMNA/1500	1500	180	180	170	115	130	8	71.80	95.21	16.4
MMNA/1800	1800	180	190	170	115	140	8	77.50	95.69	18.4
MMNA/2000	2000	192	155	180	145	135	8	82.30	95.89	20.4
MMNA/2500	2500	192	165	180	145	145	8	88.00	96.48	24.8



The data indicated could change without notice