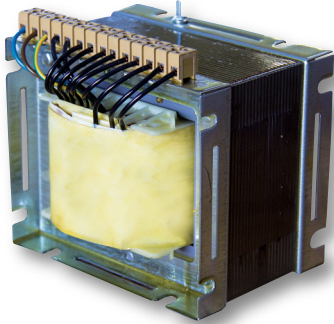




Datasheet 202303

Single-phase isolation EI transformers from 100 to 2500 VA

APPROVALS



CHARACTERISTICS

- Rated power from 100 to 2500 VA
- Compact dimensions
- Isolation transformer

BENEFITS

- Low power loss
- Available with box, switch or fuses
- Custom solutions available

MARKETS

- Machine tools
- Automated machinery
- Packaging
- Automation control panels
- Industrial automation

POWER VA



CODE

TMEI	1	40	X	48	X	M	M	0	0	0
MODEL	POWER (KVA)	PRIMARY VOLTAGE	PRIMARY WINDING	SECONDARY VOLTAGE	SECONDARY WINDING	PRIMARY CONNECTION	SECONDARY CONNECTION	MULTITAP	BOX	OPTIONS
TMEI = single-phase isolation transformer	01 = 0.1KVA 05 = 0.5KVA 1 = 1KVA 2.5 = 2.5KVA	10 = 100V 12 = 120V 23 = 230V 40 = 400V 48 = 480V 60 = 600V 69 = 690V	X = non applicabile	10 = 100V 12 = 120V 23 = 230V 40 = 400V 48 = 480V 60 = 600V 69 = 690V	X = non applicabile	M = clamp B = busbar	M = clamp B = busbar	0 = no tap 5 = +/-5% 10 = +/-10% 15 = +/-15% 510 = +/-5.10%	0 = no box 1 = IP23 box 2 = IP54 box	0 = no options B = switch F = fuses T = term. central T3 = term. each branch

TECHNICAL SPECIFICATIONS

Primary voltage	0 - 690 Vac
Secondary voltage	0 - 690 Vac
Power	100 - 2500 VA
Insulation class	F or H
Temperature class	-20° C to +80° C
Winding	Copper
Service	Continuous
Derating	-20° C to +80° C
Altitude derating	1500m, over 1% decrease every 100m
Wrapped IP protection	IPO0
Connection protection	IP20 (with terminals)
Frequency	50/60 Hz
Dielectric strength	5.5 KV

MECHANICAL DIMENSIONS mm

Model	Power (VA)	External Dimensions			Interaxis		Weight (Kg)	Case	Box IP23
		A	B	C	X	Y			
TMEI01***	100	87	100	105	56	76	2.7	1	B01
TMEI0125***	125	98	90	113	57	65	2.7	1	B01
TMEI015***	150	98	100	113	57	75	3	1	B01
TMEI020***	200	98	115	113	57	90	3.8	1	B01
TMEI025***	250	125	100	134	70	73	4.3	1	B01
TMEI030***	300	125	110	134	70	83	5	1	B01
TMEI035***	350	125	120	134	70	93	6	1	B01
TMEI040***	400	125	130	134	70	103	6.8	1	B01
TMEI045***	450	125	140	134	70	113	7.5	1	B01
TMEI050***	500	125	140	134	70	113	7.5	1	B01
TMEI060***	600	154.5	115	160	94	86	8	1	B01
TMEI070***	700	154.5	125	160	94	96	9	1	B01
TMEI080***	800	154.5	145	160	94	116	11	1	B01
TMEI090***	900	154.5	155	160	94	126	12.5	1	B01
TMEI1***	1000	154.5	165	160	94	136	14	1	B01
TMEI1.2***	1200	192	140	195	132	100	15.5	1	B01
TMEI1.4***	1400	192	150	195	132	110	17.5	1	B01
TMEI1.5***	1500	192	160	195	132	120	19.5	1	B01
TMEI1.6***	1600	192	160	195	132	120	20	1	B01
TMEI1.8***	1800	192	170	195	132	130	21.5	1	B01
TMEI2***	2000	192	190	195	132	150	23.5	1	B01
TMEI2.5***	2500	192	210	195	132	170	29	1	B01

*** Product code name

CASE 1

