



Datasheet 202303

Three-phase isolation power transformers from 2 to 225 KVA

APPROVALS



CHARACTERISTICS

- Rated power from 2 to 225 KVA
- Compact dimensions
- Isolation transformer

BENEFITS

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

MARKETS

- Machine tools
- Automated machinery
- Packaging
- Machine exporting/importing
- Industrial automation

POWER KVA



CODE

TTI	10	40	Y	48	Y	M	M	0	0	0
MODEL	POWER (KVA)	PRIMARY VOLTAGE	PRIMARY WINDING	SECONDARY VOLTAGE	SECONDARY WINDING	PRIMARY CONNECTION	SECONDARY CONNECTION	MULTITAP	BOX	OPTIONS
TTI = three-phase isolation transformer	05 = 0.5KVA 1 = 1KVA 10 = 10KVA 100 = 100KVA	10 = 100V 12 = 120V 23 = 230V 40 = 400V 48 = 480V 60 = 600V 69 = 690V 450 = 4500V 1K0 = 10KV	D = triangle Y = star YN = star with accessible neutral	10 = 100V 12 = 120V 23 = 230V 40 = 400V 48 = 480V 60 = 600V 69 = 690V 450 = 4500V 1K0 = 10KV	D = triangle Y = star YN = star with accessible neutral	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 - 10 KVac
Secondary voltage	0 - 10 KVac
Power	2 - 225 KVA
Insulation class	F or H
Temperature class	-20° C to +80° C
Winding	Aluminum / 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) IPO0 (with busbar)
Frequency	50/60 Hz
Dielectric strength	5.5 KV

MECHANICAL DIMENSIONS mm

Model	Power (KVA)	External Dimensions			Interaxis		Weight (Kg)	Case	Box IP23
		A	B	C	X	Y			
TTI2***	2	240	220	280	200	115	22	1	B01
TTI2.5***	2.5	240	160	280	200	115	23	1	B01
TTI3***	3	300	180	330	260	90	24	1	B01
TTI4***	4	300	200	330	260	110	31	1	B01
TTI5***	5	300	220	330	260	130	38	1	B01
TTI6***	6	360	190	380	260	115	46	1	B01
TTI7.5***	7.5	360	220	380	260	145	62	1	B01
TTI9***	9	360	220	380	260	145	64	1	B01
TTI10***	10	360	230	380	260	165	75	1	B01
TTI12***	12	480	290	490	360	155	88	1	B02
TTI15***	15	480	290	490	360	155	91	1	B02
TTI18***	18	480	290	490	360	185	118	1	B02
TTI20***	20	480	320	490	360	185	122	1	B02
TTI25***	25	480	350	490	360	215	152	1	B02
TTI30***	30	480	350	490	360	215	157	1	B02
TTI35***	35	480	370	490	360	235	175	1	B02
TTI40***	40	600	390	640	380	210	230	1	B03
TTI45***	45	600	290	640	380	210	235	1	B03
TTI50***	50	600	390	640	380	210	245	1	B03
TTI60***	60	600	420	640	380	240	285	1/2	B03
TTI70***	70	600	440	640	380	260	330	1/2	B03
TTI80***	80	600	480	640	380	300	390	1/2	B03
TTI90***	90	600	490	640	380	310	420	1/2	B03
TTI100***	100	600	510	640	380	330	450	1/2	B03

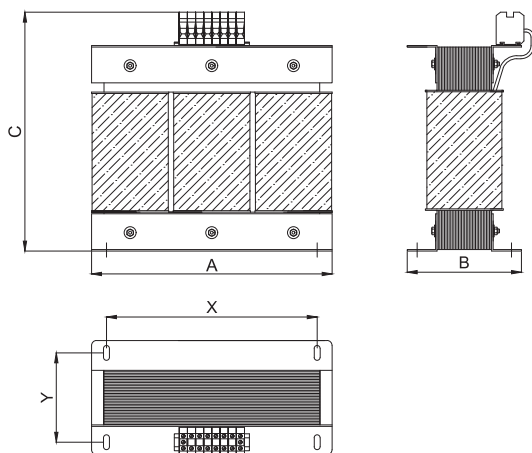
*** Product code name

The size of the transformers from 60 to 100 KVA are intended for the clamp version enclosure 1

For busbar connections - housing 2, contact the factory

For transformers above 100 KVA contact the factory

CASE 1



CASE 2

