



Encapsulated Transformers for Hazardous Locations

Class I, Div. 2



Our Class I, Division 2 transformers are encapsulated with electrical grade resin and feature rugged NEMA 3R enclosures. They ensure safe and reliable operation in enclosed areas where combustible or corrosive gases, liquids, or dusts may be present.

Part of the PQS power quality line, they provide quality electrical power in harsh environments.

SPECIFICATION SOLUTIONS

- Class 1 Div. 2, Groups A, B, C, D
- Single Phase: 1 – 25 kVA
- Three Phase: 3 – 75 kVA
- 60 Hz
- 115°C Rise, 180°C Insulation System
- Meets T3C Temperature Classification
- 40°C Ambient
- NEMA 3R steel with ASA-61 gray powder coat finish

FEATURES

- Slotted mounting holes for quick and easy mounting
- Lifting hooks on single phase above 5 kVA three phase 3-9 kVA
- Wall mount design through 25 kVA single phase, through 15 kVA three phase
- Meet or exceeds NEMA, ANSI and UL standards
- Standard 10-Year Warranty

APPLICATIONS

- Oil & Gas
- Petrochemical
- Mining
- Pulp & Paper
- Marine
- Wastewater
- Industrial

Class I, Div. 2 Encapsulated Transformers

kVA	Cat. No.	Height In. (Cm.)	Width In. (Cm.)	Depth In. (Cm.)	Weight Lbs (Kg)	Mount Type (Wall) (Floor)	Knockouts In. (Cm.)
120/208/240/277 PRIMARY VOLTS — 120/240 SECONDARY VOLTS — 1Ø, 60 HZ							
1.00	T1001K0220CSH	10.50 (26.7)	5.50 (14.0)	5.13 (13.0)	23 (10.4)	W	0.50-0.75 (1.3-1.9)
1.50	T1105K0220CSH	11.62 (29.5)	5.50 (14.0)	5.13 (13.0)	30 (13.6)	W	0.50-0.75 (1.3-1.9)
2.00	T1002K0220CSH	13.00 (33.0)	5.50 (14.0)	5.13 (13.0)	37 (16.8)	W	0.50-0.75 (1.3-1.9)
3.00	T1003K0220CSH	11.50 (29.2)	10.31 (26.2)	7.13 (18.1)	55 (24.9)	W	0.75-1.25 (1.9-3.2)
5.00	T1005K0220CSH	14.38 (36.5)	10.31 (26.2)	7.13 (18.1)	75 (34.0)	W	0.75-1.25 (1.9-3.2)
7.50	T1007K0220CSH	15.19 (38.6)	13.50 (34.3)	10.84 (27.5)	105 (47.6)	W	0.75-1.25 (1.9-3.2)
10.00	T1010K0220CSH	15.19 (38.6)	13.50 (34.3)	10.84 (27.5)	124 (56.2)	W	0.75-1.25 (1.9-3.2)
15.00	T1015K0220CSH	16.94 (43.0)	14.12 (35.9)	11.59 (29.4)	171 (77.6)	W	1.00-1.50 (2.5-3.8)
25.00	T1025K0220CSH	18.44 (46.8)	16.13 (41.0)	13.34 (33.9)	261 (118.4)	W	1.00-1.50 (2.5-3.8)

240 X 480 PRIMARY VOLTS — 120/240 SECONDARY VOLTS — 1Ø, 60 HZ

1.00	T1001K0190CSH	10.50 (26.7)	5.50 (14.0)	5.13 (13.0)	24 (10.9)	W	0.50-0.75 (1.3-1.9)
1.50	T1105K0190CSH	11.62 (29.5)	5.50 (14.0)	5.13 (13.0)	30 (13.6)	W	0.50-0.75 (1.3-1.9)
2.00	T1002K0190CSH	13.00 (33.0)	5.50 (14.0)	5.13 (13.0)	38 (17.2)	W	0.50-0.75 (1.3-1.9)
3.00	T1003K0194CSH	11.50 (29.2)	10.31 (26.2)	7.13 (18.1)	55 (24.9)	W	0.75-1.25 (1.9-3.2)
5.00	T1005K0194CSH	14.38 (36.5)	10.31 (26.2)	7.13 (18.1)	75 (34.0)	W	0.75-1.25 (1.9-3.2)
7.50	T1007K0193CSH	15.19 (38.6)	13.50 (34.3)	10.84 (27.5)	115 (52.2)	W	0.75-1.25 (1.9-3.2)
10.00	T1010K0193CSH	15.19 (38.6)	13.50 (34.3)	10.84 (27.5)	125 (56.7)	W	0.75-1.25 (1.9-3.2)
15.00	T1015K0193CSH	16.94 (43.0)	14.12 (35.9)	11.59 (29.4)	170 (77.1)	W	1.00-1.50 (2.5-3.8)
25.00	T1025K0193CSH	18.44 (46.8)	16.13 (41.0)	13.34 (33.9)	250 (113.0)	W	1.00-1.50 (2.5-3.8)

kVA	Cat. No.	Height In. (Cm.)	Width In. (Cm.)	Depth In. (Cm.)	Weight Lbs (Kg)	Mount Type (Wall)	Knockouts In. (Cm.)
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600 PRIMARY VOLTS — 120/240 SECONDARY VOLTS — 1Ø, 60 HZ

1.00	T1001K0200CSH	10.50 (26.7)	5.50 (14.0)	5.13 (13.0)	24 (10.9)	W	0.50-0.75 (1.3-1.9)
1.50	T1105K0200CSH	11.62 (29.5)	5.50 (14.0)	5.13 (13.0)	30 (13.6)	W	0.50-0.75 (1.3-1.9)
2.00	T1002K0200CSH	13.00 (33.0)	5.50 (14.0)	5.13 (13.0)	38 (17.2)	W	0.50-0.75 (1.3-1.9)
3.00	T1003K0201CSH	11.50 (29.2)	10.31 (26.2)	7.13 (18.1)	55 (24.9)	W	0.75-1.25 (1.9-3.2)
5.00	T1005K0201CSH	14.38 (36.5)	10.31 (26.2)	7.13 (18.1)	75 (34.0)	W	0.75-1.25 (1.9-3.2)
7.50	T1007K0201CSH	15.19 (38.6)	13.50 (34.3)	10.84 (27.5)	115 (52.2)	W	0.75-1.25 (1.9-3.2)
10.00	T1010K0201CSH	15.19 (38.6)	13.50 (34.3)	10.84 (27.5)	125 (56.7)	W	0.75-1.25 (1.9-3.2)
15.00	T1015K0201CSH	16.94 (43.0)	14.12 (35.9)	11.59 (29.4)	170 (77.1)	W	1.00-1.50 (2.5-3.8)
25.00	T1025K0201CSH	18.44 (46.8)	16.13 (41.0)	13.34 (33.9)	250 (113.0)	W	1.00-1.50 (2.5-3.8)

208 DELTA PRIMARY VOLTS — 208Y/120 SECONDARY VOLTS— 3Ø, 60 HZ

3.0	T3003K0061CSH	10.38 (26.4)	12.37 (31.4)	7.47 (19.0)	75 (34.0)	W	0.75-1.25 (1.9-3.2)
6.0	T3006K0061CSH	11.83 (30.0)	14.17 (36.0)	8.82 (22.4)	140 (63.5)	W	0.75-1.25 (1.9-3.2)
9.0	T3009K0061CSH	14.03 (36.0)	17.77 (45.1)	11.52 (29.3)	180 (81.6)	W	0.75-1.25 (1.9-3.2)
15.0	T3015K0061CSH	18.86 (48.0)	20.30 (51.6)	9.03 (22.9)	245 (111.0)	F ⊕	NA

⊕ Wall mounting brackets are available for these sizes

480 DELTA PRIMARY VOLTS — 208Y/120 SECONDARY VOLTS— 3Ø, 60 HZ

3.0	T3003K0011CSH	10.38 (26.4)	12.37 (31.4)	7.47 (19.0)	75 (34.0)	W	0.75-1.25 (1.9-3.2)
6.0	T3006K0011CSH	11.83 (30.0)	14.17 (36.0)	8.82 (22.4)	140 (63.5)	W	0.75-1.25 (1.9-3.2)
9.0	T3009K0011CSH	14.03 (36.0)	17.77 (45.1)	11.52 (29.3)	180 (81.6)	W	0.75-1.25 (1.9-3.2)
15.0	T3015K0011CSH	18.86 (48.0)	20.30 (51.6)	9.03 (22.9)	250 (113.0)	F ⊕	NA
30.0	T3030K0013CSH	24.81 (63.0)	27.13 (68.9)	11.14 (28.3)	613 (278.1)	F	NA
45.0	T3045K0013CSH	25.31 (64.3)	30.18 (76.7)	12.76 (32.4)	780 (354.0)	F	NA
75.0	T3075K0013CSH	26.82 (68.1)	34.68 (88.1)	15.25 (38.7)	1126 (511.0)	F	NA

⊕ Wall mounting brackets are available for these sizes

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kVA	Cat. No.	Height In. (Cm.)	Width In. (Cm.)	Depth In. (Cm.)	Weight Lbs (Kg)	Mount Type (Wall) (Floor)	Knockouts In. (Cm.)
480 DELTA PRIMARY VOLTS — 240 DELTA/120 TAP SECONDARY VOLTS — 3Ø, 60 HZ							
3.0	T3003K0021CSH	10.38 (26.4)	12.37 (31.4)	7.47 (19.0)	75 (34.0)	W	0.75-1.25 (1.9-3.2)
6.0	T3006K0021CSH	11.83 (30.0)	14.17 (36.0)	8.82 (22.4)	140 (63.5)	W	0.75-1.25 (1.9-3.2)
9.0	T3009K0021CSH	14.03 (36.0)	17.77 (45.1)	11.52 (29.3)	180 (81.6)	W	0.75-1.25 (1.9-3.2)
15.0	T3015K0021CSH	18.86 (48.0)	20.30 (51.6)	9.03 (22.9)	250 (113.0)	F ⊕	NA

⊕ Wall mounting brackets are available for these sizes

600 DELTA PRIMARY VOLTS — 208Y/120 SECONDARY VOLTS— 3Ø, 60 HZ

3.0	T3003K0081CSH	10.38 (26.4)	12.37 (31.4)	7.47 (19.0)	75 (34.0)	W	0.75-1.25 (1.9-3.2)
6.0	T3006K0081CSH	11.83 (30.0)	14.17 (36.0)	8.82 (22.4)	140 (63.5)	W	0.75-1.25 (1.9-3.2)
9.0	T3009K0081CSH	14.03 (36.0)	17.77 (45.1)	11.52 (29.3)	180 (81.6)	W	0.75-1.25 (1.9-3.2)
15.0	T3015K0081CSH	18.86 (48.0)	20.30 (51.6)	9.03 (22.9)	250 (113.0)	F ⊕	NA

⊕ Wall mounting brackets are available for these sizes

Class I, Div. 2, Per the NEC Section 500

- A location in which volatile flammable liquids or gasses are handled, processed, or used, but which normally will be confined within closed containers or systems from which they can escape only in the case of accidental rupture or breakdown of the container or system
- A location where ignitable concentrations of gases or vapors are normally prevented by positive mechanical ventilation and that might become hazardous through failure of the ventilation equipment
- A location that is adjacent to a Class I Div. I location and ignitable concentrations of gases or vapors might occasionally enter



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