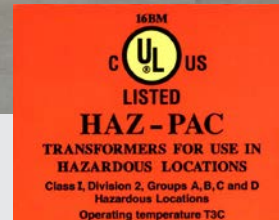


We can do that!

Silica Resin Encapsulated Transformers

- 1kVA to 300kVA
- Single or Three Phase
- Standard Copper Windings
- Voltages thru 5kV
- 50 or 60 Hertz
- Single or Double Electrostatic Shields
- K Factor Ratings of 4, 9, 13, 20 available
- Standard ANSI 61 Gray Powder Paint
- Both mild steel and stainless steel



Hazardous Location Applications

The Silica Resin Encapsulated transformer is the result of many years of continuous refinement by Olsun Electric. Two Olsun product types, recognized in the market as the SilPac™ and HazPac™, were developed and expanded as a result of a growing need for a compact and economical dry type transformer that was virtually impervious to harsh environmental conditions, such as those encountered in chemical plants, refineries, dairies, marinas, shipboard use, etc. Product durability, quiet operation, and flexibility in designing the encapsulated style transformer for your application make Olsun the clear choice.

Olsun Electric's HazPac transformer line is designed and built specifically for hazardous locations in compliance with article 500 of the NEC and is UL* listed for Class 1, Division 2, Groups A, B, C & D locations. And with a North American Temperature Classification of T3C, HazPac keeps its cool under load—when you and the surroundings need it to be. Couple our dedicated hazardous duty design with high short-circuit strength, 80°C rise availability and Olsun's industry proven reliability and you're literally playing it safe in choosing Olsun for long life in your application.

Classification of Divisions & Zones

Type of Area	NEC & CEC	Definition
Continuous Hazard	Division I	A place in which an explosive atmosphere is continually present
Intermittent Hazard	Division I	A place in which an explosive atmosphere is likely to occur in normal operation
Hazard Under Abnormal Conditions	Division II	A place in which an explosive atmosphere is not likely to occur in normal operation, but may occur for short periods.

Atmospheric Groups

Substance	Hazardous Class	NEC 500
Acetylene	Class 1	Group A
Hydrogen	Class 1	Group B
Ethylene	Class 1	Group C
Propane	Class 1	Group D
Methane	Class 1	Group D

Temperature Classification

Max. Surface Temp	CEC/NEC 500
450°C	T1
300°C	T2
280°C	T2A
260°C	T2B
230°C	T2C
215°C	T2D
200°C	T3
180°C	T3A
165°C	T3B
160°C	T3C

Engineered and Assembled in Richmond, IL USA

*UL listing applicable to 1 phase sizes through 50kVA and 3 phase sizes through 150kVA, through 600 volts.



Phase	kVA	Mount	H	W	D	115°C Rise Weight	80° Rise Weight	Enclosure Type
1	5	Wall	20	11	11	115	145	E
1	7.5	Wall	20	11	11	125	160	E
1	10	Wall	20	11	11	140	175	E
1	15	Wall	22	14	13	225	275	E
1	25	Floor	32	16	12	450	550	OS
1	37.5	Floor	38	20	14	540	650	OS
1	50	Floor	42	20	14	800	960	OS
1	75	Floor	44	30	14	1150	1340	OS
3	6	Wall	15	15	9	155	190	E
3	9	Wall	19	17	12	225	300	E
3	15	Floor	24	18	10	330	400	OS
3	20	Floor	28	18	10	550	675	OS
3	30	Floor	32	24	12	650	700	OS
3	45	Floor	32	28	12	790	940	OS
3	75	Floor	42	30	12	1200	1380	OS
3	150	Floor	54	38	15	2240	2380	OS
3	250	Floor	42	56	16	2810	3300	OSL
3	300	Floor	50	60	20	4100	4800	OSL

Available through 5000 Volts

All “standard” voltages as well as infinite variety of special voltages to fit various applications.

Frequencies through 400 Hertz

Whether your application calls for 25, 50, 60 or 400 Hertz, Olsun will meet your requirements.

Low Sound Levels

Encapsulation effectively dampens the sound producing vibrations of the core, yielding an average sound level 3db below the NEMA standard.

Suitable for Indoor/Outdoor

Olsun encapsulated units are suited for outdoor application without the need to add any accessories such as weather shields.

Environmentally Safe

All manufacturing materials are deemed non-injurious to the environment.

Hazardous Location Designs

The HazPac product is specifically designed to meet hazardous location requirements.

Extremely Durable

The standard finish is UL listed polyester resin, baked on, powder paint, ANSI 61 Gray.

Stainless Steel Enclosures

Applications where transformer enclosures require greater resistance to corrosion are addressed using 304 or 316 grade stainless steel. ANSI 61 gray finish is standard, with an option of an orbital brushed unpainted finish.

Transforming the Industry with:
Handcrafted Quality • Sophisticated Designs • Superior Materials • Olsun Flexibility

Olsun Electric is a leading dry type transformer manufacturing company that has been providing solutions in the most challenging environments for over five decades.