

MEETING C802 STANDARDS

Dry Type Three Phase Ventilated High Efficiency Transformers

Product

BEMAG offers a full line of three phase Ventilated Dry Type Transformers designed to meet the highest industry standards for quality, durability, and reliability in the commercial, industrial, and OEM markets.

Applications

- For general loads, indoors or out, including lighting, industrial and commercial applications

Specifications

- Meets C802 Standard for energy efficiency
- 15 – 1,000 kVA range
- NEMA 3R enclosure for indoor or outdoor use
- 60 Hz
- Aluminum windings
- 150°C temperature rise
- 220°C insulation class
- Heat-cured ASA-61 gray powder coating finish
- Cores of high quality electrical steel
- UL rated / CSA approved

Features, Functions, Benefits

- Space saving design for easy handling and installation
- Termination lugs provided with transformer through 300 kVA
- Vibration isolation pads provide quiet operation
- Staggered front loop taps for easy connection
- Nationwide inventory for fast delivery



Standards

- Meets NRCAN C802 requirements for energy efficiency
- Built in accordance with NEMA, ANSI and CSA standards

Options and Accessories

Consult our engineers for more information

- 115°C, 80°C temperature rise
- 50 Hz
- Copper windings
- Special impedance
- Reduced noise level
- Enclosures NEMA 4, 4X, 12, 12X
- Electrostatic shields
- K factors: K4, K13, K20
- Special Voltages
- Models with CE Marking are available on request

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General purpose C802 efficient models

Primary as listed below. Secondary: 208Y / 120V											
kVA	480V Δ	Primary Tap Configurations		600V Δ	Primary Tap Configurations		Dimensions (inches)			Weight (lbs)	
		FCAN	FCBN		FCAN	FCBN	Height	Width	Depth		
15	423-2164-000	2 @ 2.5%	4 @ 2.5%	423-2169-000	2 @ 2.5%	2 @ 2.5%	22	19	21	215	
30	423-2194-000	2 @ 2.5%	4 @ 2.5%	423-2199-000	2 @ 2.5%	2 @ 2.5%	25	22	22	330	
45	423-2214-000	2 @ 2.5%	4 @ 2.5%	423-2219-000	2 @ 2.5%	2 @ 2.5%	28	25	23.5	415	
75	423-2234-000	2 @ 2.5%	4 @ 2.5%	423-2239-000	2 @ 2.5%	2 @ 2.5%	32	27	26	585	
112.5	423-2254-000	2 @ 2.5%	4 @ 2.5%	423-2259-000	2 @ 2.5%	2 @ 2.5%	38	29	29	795	
150	423-2264-000	2 @ 2.5%	4 @ 2.5%	423-2269-000	2 @ 2.5%	2 @ 2.5%	42	33	32.5	1,035	
225	423-2294-000	2 @ 2.5%	4 @ 2.5%	423-2299-000	2 @ 2.5%	2 @ 2.5%	46	35	37	1,430	
300	423-2314-000	2 @ 2.5%	4 @ 2.5%	423-2319-000	2 @ 2.5%	2 @ 2.5%	52	35	37	1,755	
500	423-2344-000	2 @ 2.5%	2 @ 2.5%	423-2349-000	2 @ 2.5%	2 @ 2.5%	60	48	43.5	2,760	
750	423-2364-000	2 @ 2.5%	2 @ 2.5%	423-2369-000	2 @ 2.5%	2 @ 2.5%	72	52	44	4,150	
1,000	423-2394-000	2 @ 2.5%	2 @ 2.5%	423-2399-000	2 @ 2.5%	2 @ 2.5%	81	66	61	6,000	

Dimensions subject to change without notice. Consult factory if exact measurements are critical.