

4A XP Series IECEx Dry-Type Transformers

Ex e nA IIC T4
IECEx

IP66

Resin Encapsulated Dry-Type Series

Eaton's Crouse-Hinds series IECEx Dry-Type Transformers provide safe and efficient electric power distribution in the most extreme harsh and hazardous locations.

Applications:

Eaton's Crouse-Hinds series IECEx Dry-Type Transformers are designed to operate where volatile flammable liquids or gases are handled, processed, or used, and where ignitable concentrations of gases or vapors are normally prevented by positive mechanical ventilation, such as:

- Refineries
- Chemical and petrochemical plants
- Mining
- Corrosive process facilities
- Indoor and outdoor industrial applications

Features:

- Resin encapsulated core-coil assembly for reliable performance in extreme environments
- IP66 enclosures provide essential ingress protection
- 180°C insulation system with 80°C winding temperature rise for optimal loading capabilities and extended life expectancy
- Terminal blocks provide quick and easy tap connections
- Custom configurations available to meet customer specifications

Certifications and Compliances:

- Ex e nA IIC T4
- Certificate Number: IECEx UL 14.0011
- IP66
- IEC 60079-0: 2011
- IEC 60079-15: 2010
- IEC 60079-7: 2006-07

Standard Materials:

- Enclosure – 316 stainless steel
- Windings – copper



Electrical Ratings:

- Three phase: 15 to 75 kVA
- 180°C insulation
- 80°C winding temperature rise
- Frequency: 50/60 Hz
- Impedance: 2 to 5%

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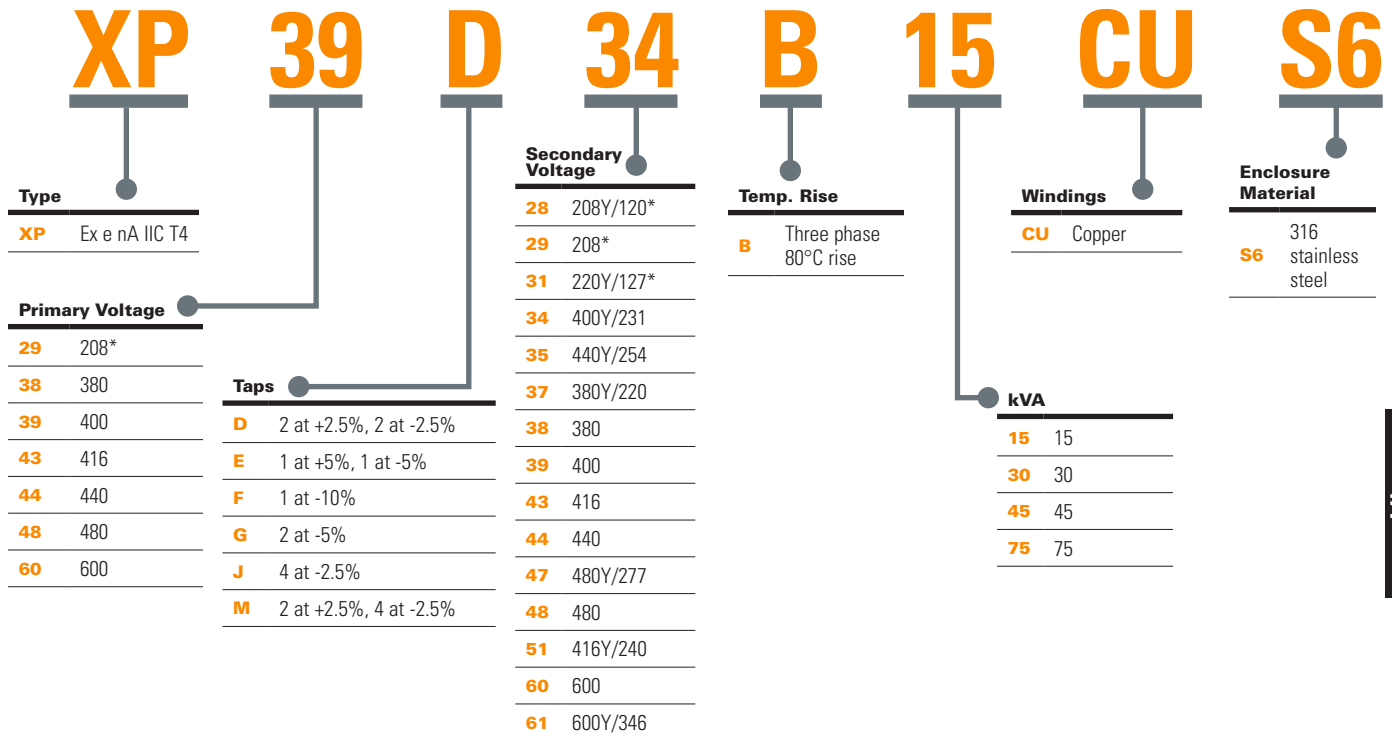
IP66

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Ordering Information:

Catalog Number Example



*Not available with 75 kVA configuration.

Technical Details:

480V Primary to 440Y / 231V Secondary

kVA	Cat. #	Temp. Rise	Taps	Height (In.)	Width (In.)	Depth (In.)	Weight (Lbs.)	Frame
15	XP48D34B15CUS6	80°C	2 at +2.5%, 2 at -2.5%	26.06	21.40	12.88	600	FR243G
30	XP48D34B30CUS6	80°C	2 at +2.5%, 2 at -2.5%	27.45	24.17	13.57	855	FR244G
45	XP48D34B45CUS6	80°C	2 at +2.5%, 2 at -2.5%	32.39	30.30	15.68	1300	FR245G
75	XP48D34B75CUS6	80°C	2 at +2.5%, 2 at -2.5%	43.27	30.09	16.03	1800	FR246G

Additional Information and Configurations:

- Contact Customer Service for technical specifications (dimensions, weights, taps, etc.) on all other sizes.
- Special configurations are available on request. Please contact Customer Service for additional details.