



# XP Series IECEx Transformers

## Resin Encapsulated Dry-Type

### Applications:

Eaton's Crouse-Hinds 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

### Certifications and Compliances:

- Ex e nA IIB T4
- Certificate Number: IECEx UL 14.0011
- IP56
- IEC 60079-0: 2011
- IEC 60079-15: 2010
- IEC 60079-7: 2006-07

### Electrical Ratings:

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

### Features and Benefits:

- Resin encapsulated core-coil assembly for reliable performance in extreme environments
- IP56 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

### Standard Materials:

- Enclosure – 316 stainless steel
- Windings – copper



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

### Oil, Gas and Chemical



### Harsh Industrial



### Corrosive Environments



### Offshore Platforms



Ordering Information:

Catalog Number Example:

XP

Type

XP Ex e nA IIB T4

39

Primary Voltage

29 208\*  
38 380  
39 400  
43 416  
44 440  
48 480  
60 600

D

Taps

D 2 at +2.5%, 2 at -2.5%  
E 1 at +5%, 1 at -5%  
F 1 at -10%  
G 2 at -5%  
J 4 at -2.5%  
M 2 at +2.5%, 4 at -2.5%

34

Secondary Voltage

28 208Y/120\*  
29 208\*  
31 220Y/127\*  
34 400Y/231  
35 440Y/254  
37 380Y/220  
38 380  
39 400  
43 416  
44 440  
47 480Y/277  
48 480  
51 416Y/240  
60 600  
61 600Y/346

B

Temp. Rise

B Three phase  
80°C rise

15

kVA

15 15  
30 30  
45 45  
75 75

CU

Windings

CU Copper

S6

Enclosure Material

S6 316 stainless steel

\*Not available with 75 kVA configuration.

