

TECO MAX-Ex Hazardous Area Electric Motors from 0.18kW to 450kW available on a short lead-time or up to 560kW on build to order basis. This complements the existing Flameproof motor Exd and Exde range, currently from frames D80 to D280M

Leading global industrial electric motor manufacturer, TECO, has an additional range of its long established MAX e design electric motors to meet the stringent IEC safety standards for electrical equipment used in hazardous areas.

The, low voltage series is IEC Ex certified from frame sizes D71 up to D355 with certification available in the following hazardous areas:

- **TECO MAX-Ex e; Increased Safety**
Ex e, Zone 1, Gb, IIC, T3, 40°C ambient, to IEC60079.0:2007-10, IEC60079.7:2006-07
- **TECO MAX-Ex nA; Non Sparking**
Ex nA, Zone 2, Gc, IIC, T3, 55°C ambient, to IEC60079.0:2007-10, IEC60079.15:2010
- **TECO MAX-Ex tD; Dust Ignition Proof**
Ex tD, Zone A21, T135°C IP66, 55°C ambient, to IEC614241.0:2004, IEC614241.1:2004

Our local and factory certifications provide maximum flexibility to meet customer specific requirements, whilst ensuring the highest quality standards. The Teco Max-e range of industry leading High Efficiency, IP66, Class H motors can be easily configured with a range of accessories and options, all IECEx certified to deliver the highest safety standards in operation.



TECO Australia, who are certified as an IECEx manufacturer and have a dedicated team of competent tradesmen to ensure motors are manufactured to specification. Our Sydney workshop is subject to ongoing surveillance audits as part of IECEx certification, another assurance that quality is "built in" to TECO IECEx products. Due to TECO's local manufacturing, we can and will supply product PROMPTLY, in lead times that will turn heads, typically in 5 to 10 working days ex TECO Sydney.



IEC / ATEX Ex certified TECO MAX-Ex d and TECO MAX-Ex de range of Flameproof motors

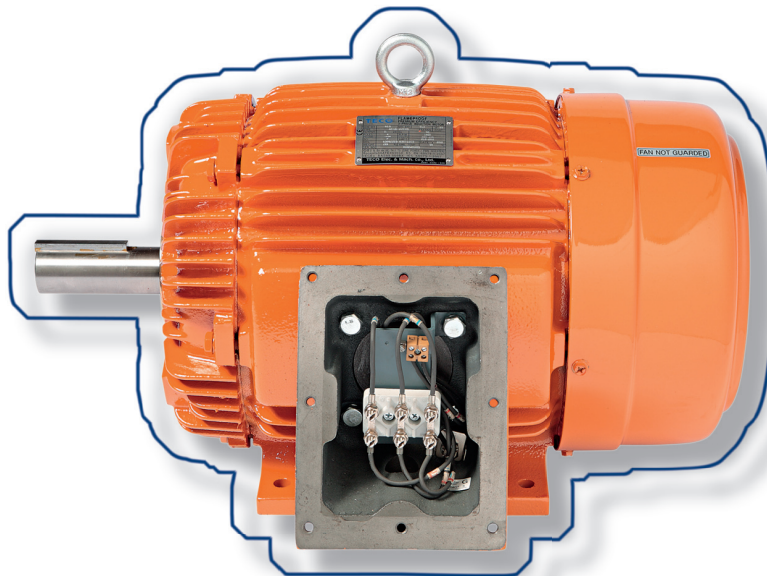
Also available are IEC / ATEX Ex certified **TECO MAX-Exd/de stock range of Flameproof motors -**

- **TECO MAX-Exd ~ Exde Flameproof, Frames D80 ~280M**
Exd Flameproof Motor (Available on indent order)
Ex d, Zone 1, IIB, Gb, T4, 50°C ambient, to IEC60079.0:2006, IEC60079.1:2007

Exde Flameproof Motor with Increased Safety terminal box (IIC), major stock line.

TECO Exde motors cover all Gas Groups II (all gases, other than coal mines Group 1) and are certified for use with Variable Speed Drives (T3 temperature class and conditions apply)

Ex de, Zone 1, IIC, Gb, T4, 50°C ambient, to IEC60079.0:2006, IEC60079.1:2007, IEC60079.7:2006



The Ex de motors' terminal box is increased safety and is not dependant on containing the explosion, the main benefits are –

- * *Terminal box lid employs a gasket which creates a superior weatherproof seal than a mating flamepath on flameproof motors.*
- * *Surface corrosion on terminal box is not a threat to safety, where Ex d flamepaths on terminal boxes are prone to damage and corrosion making them unusable.*
- * *Increased Safety terminals are easy and simple to connect.*
- * *Cabling to the Increased Safety terminal box is simple, cheaper than flameproof and easily certifiable in site installations.*
- * *Earthing inside the terminal box is possible using the external armor or braid.*
- * *A flameproof gland is not required (an Exe gland is required to IP55).*

Exde are widely popular around the world for these reasons and specified for many large petroleum companies in offshore platforms and refineries.

Please contact your local TECO sales office for more information



Motors - Drives - Controls - Invicta Vibrating Motors

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