# **iEXMS/iEXCS**

## **COMBINATION & NON COMBINATION STARTERS**

- CLASSIFICATIONS
- Cl. I, Div. 1 & 2
- Cl. I, Zone 1 & 2
- Cl. II, Div. 1
- Cl. II, Div. 2
- -NEMA 3, 3R, 4, 4X, 7BCD, 9EFG

### **iEXMS/iEXCS Combination Starters by ICS**

Our iEXMS/iEXCS Series Combination Starters are extremely flexible with multiple ordering options available. Each build offers customizable door controls, optional disconnect types, and multiple starter configurations to cover virtually all hazardous control system needs. The iEXMS/iEXCS Series provides users with full-function, turnkey motor control solution at a fraction of the cost.

### **iEXCS- Standard Materials and Finishes:**

- Body, cover and handle copper-free aluminum
- Gasket neoprene
- Cover bolts and hinges stainless steel

## Field flexibility

- Factory-machined drilled + tapped entries up to three inches in diameter
- UL/cUL certified for field addition of drilled and tapped entries on sides, top, bottom, or back of the enclosure
- Bolt-on/tap-in mounting feet allow for easy field replacement
- ATEX/IECEx certified enclosure option for use in global applications

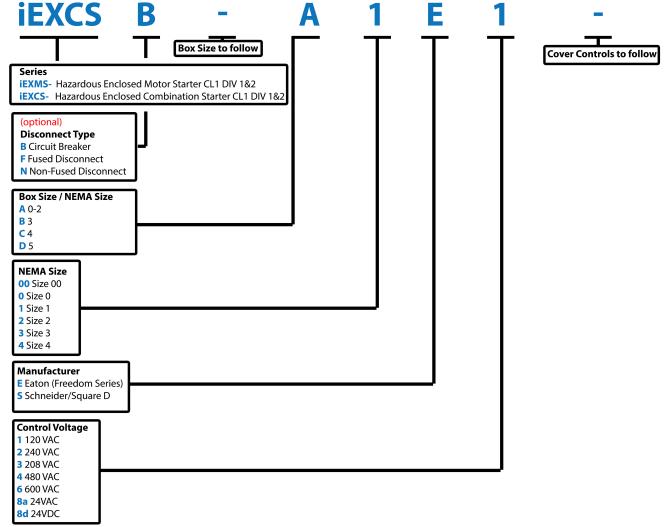




## **Applications**

Hazardous motor control environments, including refineries, chemical and petrochemical plants, corrosive process facilities, food and beverage, marine and mining. Across-the-line starting and stopping of polyphase AC induction motors with bi-metallic and optional solid state overload protection.





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## **PART NUMBER BUILDER**

## **iEXMS/iEXCS Series**

Example: iEXCSB-A1E1-S1/S3/T3-BD\*A01\*C01

- Class 1, Division 2 Combination Starter
  - Breaker Type
  - Box Size "A" (Size 1)
  - Eaton Freedom Series
  - 120 V Control



# S1/S3/T3

BD\*A01\*C01

Indicates Factory Modifications to follow

#### † †¹Cover Control Options

- \$1 RED Push Button "START"
- \$3 GREEN Push Button "STOP"
- R1 RED Pilot Light "RUN"
- G1 GREEN Pilot Light "OFF"
- T3 3 POS Selector Switch "HAND OFF AUTO"
- T2 2 POS Selector Switch " ON OFF"
- t<sup>2</sup>XR BLACK Electronic Reser Button

#### Factory Modifications †3

- **001** Shunt Trip (120V)
- **ELR** Electronic Overload Relay †4
- **BD** Breather/Drain installed
- **50C** Ambient Compensated Breaker
- **EGL** External Ground Lug
- **EPX** Epoxy Coating (External)
- 8TB 8-Point Terminal Block- 30A @ 300V

#### **Starter Mods**

**A01** 1N.O./1N.C aux contact **A02** 2N.O./2N.C aux contact

## A03 3N.O./3N.C aux contact

#### Breaker Mods

CO1 1A/1B aux switch
CO2 2A/2B aux switch

† MULTIPLE COVER CONTROLS MUST BE SEPARATED BY "/"

† DEFAULT LEGEND PLATES SHOWN- Consult with factory for custom legend plates

 $t^2$  XR denotes electronic reset button- only available on starters with electronic overload relays. Standard offer-"plunger" type reset for starters with bi-metallic overload relays

†<sup>3</sup> Multiple factory mods must be separated by asterisks "\*"

† Must include FLA of motor. Consult with factory for assistance calculating your motor's FLA.