

iEXMT

Explosion Proof Manual Transfer Switches

- CLASSIFICATIONS

- Cl. I, Div. 1 & 2
- Cl. I, Zone 1 & 2
- Cl. II, Div. 1
- Cl. II, Div. 2

About:

Transfer switches are a crucial part of any electrical system with an emergency back-up power source present. When the normal or primary source of power is lost, a transfer switch quickly and safely shifts the load from the normal source of power to the emergency (alternate) source of power such as a generator. This permits critical loads to continue running with minimal outages. After the normal source of power has been restored, the re-transfer process returns the load circuit to the normal power source.

iEXMT- ICS Explosion Proof Manual Transfer Switches:

Manual Transfer Switches are commonly specified in applications where an emergency backup power source is present and the load can be switched by hand. These switches may be used in heavy industrial, food & beverage facilities, mills, or petrochemical applications where power outages commonly occur, but need to be carefully facilitated or controlled.

The major benefit of manual transfer switches is price point. In almost all cases, manual transfer switches will be a more economical option compared to an automatic transfer switch. Not only that, but the concept of manually throwing the switch can also be more reliable especially in harsh or hazardous environments. While in many applications there are upstream disconnects present with overcurrent devices protecting the switch, in some instances this is not the case. These switches commonly require a "Service-Entrance" rating. ICS offers service entrance rated transfer switches in all configurations. ICS iEXMT transfer switches are available in fusible, non-fused, and breaker-type.

Breaker type transfer switches are designed to operate with two interlocked molded case circuit breakers to prevent both power sources from energizing simultaneously.



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TURN AROUND PROGRAM!**

Emergency Breaker

Walking Beam Interlock

Normal Breaker

Power Distribution Block

Standard Configuration

- Crouse Hinds ECP enclosure with mounting plate & hinges installed
- Coated steel cover bolts
- Tap-In mounting feet for simple and secure installation and easy replacement
- Neoprene cover gasket for specific NEMA requirements
- Aluminum hinges for corrosion resistance
- Copper Free AL enclosure body and cover
- Conduit entries drilled and tapped to customer specification

Optional Configurations:

Stainless Steel Cover Bolts/Hinges
Normal/Emergency Power Indication (GRN light-normal/RED light-emergency)
Crouse Hinds EJB enclosure
Adalet Value Enclosure
Viewing Window Kit

S6CB/H

G1N/R1E

EJB

ADA

VW

iEXMT™ EXPLOSION PROOF TRANSFER SWITCHES

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- Cl. II, Div. 1
- Cl. II, Div. 2

PART NUMBER BUILDER

iEXMT™ Series

Example: iEXMT B-3 6 225-HFD

- iEXMT Explosion Proof Manual Transfer Switch
- Breaker Type
- 3 PH
- 600V
- 225A
- HFD



INTEGRATED
CIRCUIT SOLUTIONS

iEXMT B-3 6 225-HFD

Series
iEXMT Explosion Proof Manual Transfer Switch

Type
B Breaker Type
N Non Fused
F Fused

Phases
1 1 PH
3 3 PH

Voltage
2 240V
4 480V
6 600V

Amperage
 insert amperage
 Breaker-Type: 15-800A
 Fused/Non Fused: 15-600A

Frame (breaker-type only)
 consult factory for options

