

7150/5 Fusible Distribution Panel

CLASSIFICATIONS

NEC & CEC

Class I, Division 2, Groups A, B, C & D, T4

Environmental Protection

NEMA 4X, IP66

Ambient Temperature:

+40°C (+104°F) Max

-20°C (-4°F) Min



APPLICATIONS

The 7150/5 Series Fusible Distribution Panel is design to improve the coordination between the Main Circuit Breaker and Branch Circuit Protection. All refineries have been using circuit breaker panel boards to protect motor operated valves (MOV) as a standard practice. If a short at the MOV occurs and bypasses the branch circuit breaker the main breaker will trip shutting down all circuits creating a safety issue.

SOLUTION

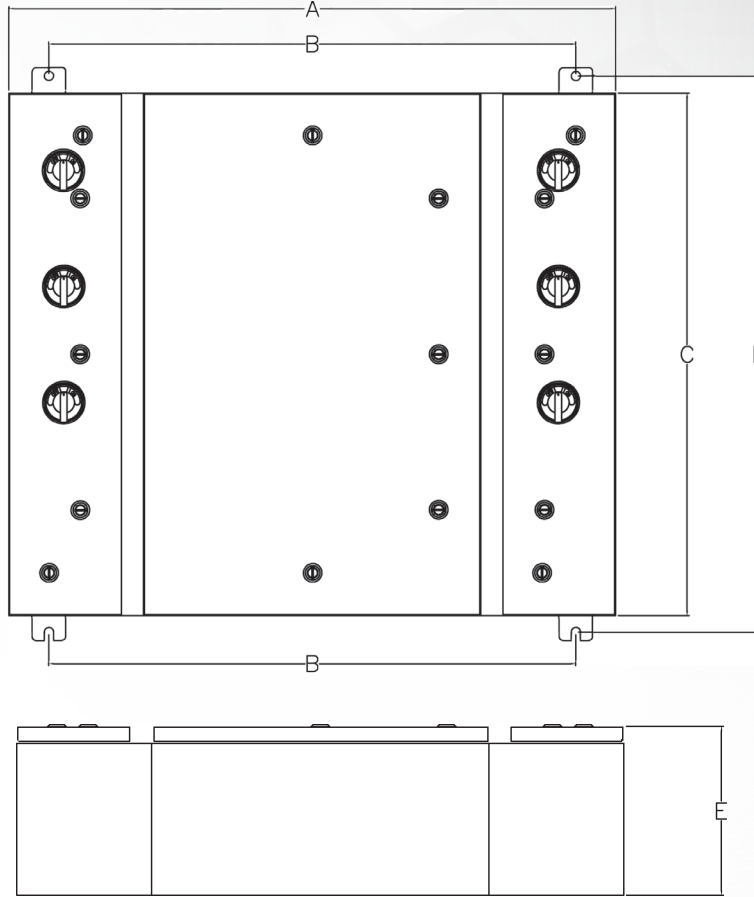
For increased safety protection of MOV's and personnel safety, traditional Ex circuit breakers are replaced with fused disconnect, as a fuse will trip much quicker than a circuit breaker. The ultimate panel design allows for lock-out-tag-out of individuals circuits for the safe replacement of blown fuses. The entire panel is third-party certified for use in Class I, Division 2 applications.

PRODUCT

Fused disconnect Panels are offered in 3 phase, up to 40A, 600V, and available in aluminum or 316 stainless steel. The smaller panel will accommodate up to 6 3-Phase circuits, the middle panel up to 10 3-Phase circuits, and the large panel 14 3-Phase circuits. Each panel is internally wired from the load side of the main lugs or main switch to the line side of the outgoing terminals. These panels come with factory installed hubs or the enclosures can be punched in the field as required.



7150/5 Fusible Distribution Panel



Dimensions in Inches (mm)					
Catalog Number	A	B	C	D	E
316 Stainless					
7150/5-037-01-011-06020	36 (914.4)	31.25 (793.8)	31 (787.4)	33 (838.2)	10 (254)
7150/5-037-01-021-08020	44 (1117.6)	35.25 (895.35)	43.5 (1105)	45.5 (1155.7)	10 (254)
7150/5-037-01-021-10020	44 (1117.6)	35.25 (895.35)	43.5 (1105)	45.5 (1155.7)	10 (254)
7150-5-037-01-031-12020	44 (1117.6)	35.25 (895.35)	56 (1422.4)	58 (1473.2)	10 (254)
7150/5-037-01-031-14020	44 (1117.6)	35.25 (895.35)	56 (1422.4)	58 (1473.2)	10 (254)
Aluminum					
7150/5-037-01-013-06020	36 (914.4)	31.25 (793.8)	31 (787.4)	33 (838.2)	10 (254)
7150/5-037-01-023-08020	44 (1117.6)	35.25 (895.35)	43.5 (1105)	45.5 (1155.7)	10 (254)
7150/5-037-01-023-10020	44 (1117.6)	35.25 (895.35)	43.5 (1105)	45.5 (1155.7)	10 (254)
7150-5-037-01-033-12020	44 (1117.6)	35.25 (895.35)	56 (1422.4)	58 (1473.2)	10 (254)
7150/5-037-01-033-14020	44 (1117.6)	35.25 (895.35)	56 (1422.4)	58 (1473.2)	10 (254)

