

Non-metallic Motor Control Panels Type ID

Type ID Non-metallic, corrosion-resistant, dust/water/oil-tight, insulating material enclosed motor control panels

For applications, where the main concern is protecting operating personnel from electrical shock hazards and shielding electrical/electronic equipment from harsh industrial environments. Available in free-standing and wall-mounting forms.

Main incoming cable terminal block compartment.

Horizontal main busbars, with ratings up to 1600A, braced to withstand short-circuit current levels, up to 80 kA.

Self-protected combination motor controller: PKZ 2/ZM-S/SP, rated up to 25/30 HP at 575/460 V AC.

Fuseless, current-limiting, high fault interrupting main incoming circuit breaker, rated 600 A, 600 V AC.

Programmable logic controller, interfacing with motor controllers and feeders.

Fuseless, current-limiting, instantaneous circuit breaker combination motor controller, rated 150 HP, at 460/575 V AC.

Future relay panel (etc.) compartment with hinged cover and mounting plate.

Small circuit breaker panelboard with hinged cover and up to 27 circuits in a 375mm wide and 250mm high compartment.

Bottom horizontal wireway and horizontal ground bus compartment with hinged/lock type front cover, 375mm wide x 250mm high x 300mm deep.

Corrosion-resistant, high-impact withstand, dust/water/oil-tight, fiberglass/polycarbonate insulating material enclosures.

Factory wired master control and load terminal compartments.

Compact, fuseless/current-limiting branch circuit breaker.

Fuseless/current-limiting, high fault interrupting branch circuit breaker rated 125A, at 600V AC.

Fuseless/current-limiting, instantaneous circuit breaker combination, reversing motor controller, rated 50 HP, at 575/460 V AC.

Fuseless/current-limiting, instantaneous circuit breaker combination motor controller, rated 10 HP, at 460/575 V AC.

Fused disconnect switch combination motor controller, with class J time delay fuses, rated 10/15 HP at 460/575 V AC.

