Advanced Technology, Industrial Grade Motor Control Center

MODAN 3000 and MCC 3000 Motor Control Centers offer:



MODAN 3000 Motor Control Center

- Main bus rating up to 3000A Cu Vertical bus rating: 400 & 600 A Cu Short-circuit bracing: 50kA rms sym. stan-dard, 65kA and 100kA rms sym. optional
- Power supply: 3-phase, 600 V, 50/60Hz, 3 or 4 conductors Unit mounting: front or back-to-back, fixed
- or withdrawable
- Environmental: NEMA Type 1 standard,
- NEMA Type 12, 5, 2, 3R
 Finish: exterior ANSI 61 light gray
 interior zinc-plated or painted

Over 100 years of motor control experience High-quality components and workmanship Guaranteed, reliable and long service life High-level short-circuit withstand ratings Enhanced safety in operation and maintenance
Latest technology motor starter and feeder units
Optimum use of mounting space without sacrificing work space
Multiple savings in installation, operation and maintenance



MCC 3000 Motor Control Center

- Type-tested to IEC/EN 60 439-1
- Main bus rating up to 3200A Cu Vertical bus rating: 630 & 1000 A Cu
- Short-circuit bracing: main bus @ 1 sec. 28/50/65/100 kA vert. bus - @ 0.1 sec. 65/100kA
- Power supply: 100V AC / 1200 V DC to DIN EN 60 947, 600V DC to UL or BS
- Unit mounting: front fixed, removable or withdrawable, form 1 to 4b
- Environmental: IP30, IP32, IP40, IP42, IP54 to IEC/EN 60
- Finish: RAL 7032, pebble-gray to DIN 43 656



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9" high, full width, full depth, empty horizontal wireway with hinged doors.

Main busbars located below the wireway.

Solid-state trip 65 kA RMS sym. high fault current interrupting 600A main current breaker.

Sturdy 14 gauge reinforced structure.

Solid-state digital triple display, multifunction power monitoring system.

All doors are individually removeable, ground connected to structure.

Adjustable frequency drive and bypass system rated 10/15 HP with 65 kA RMS sym. high fault current withstand capacity.

Horizontal ground busbar with cable connection facilities located in the wireway.



36 sq. inch cross-section vertical wireway

Fully automated control of motor starters, VFD, power monitoring via compact PI C

3" high space factors, 6" min. height units, max. 12 units per section.

Compact, high performance, Type 2 coordinated, fuseless motor controllers.

Self-protected motor controllers rated up to 30 HP, 65 kA RMS sym. offering damage-free protection.

65 kA RMS sym. high faultinterrupting current-limiting feeder circuit breaker.

Compact high performance, 10 HP, 100 kA RMS sym. fault current withstand rated circuit breaker combination motor controller.

Compact high performance, 25 HP, 65 kA RMS sym. fault current withstand rated circuit breaker combination motor controller.

Compact high performance, 50HP, 65 kA RMS sym. fault current withstand rated circuit breaker combination motor controller.

10" high, full width, full depth, spacious horizontal wireway.

