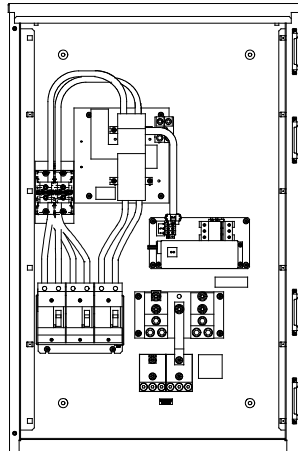


Transfer switch
outer cover removed.



Inner and outer
covers removed.

Transfer Switch Ratings

- Voltage: 240/120 VAC Single-Phase 60 Hz
- Current: 200 Amps

Transfer Switch Enclosure

- NEMA 3R for indoor or outdoor installation
- Handle can be secured with a padlock
- Wall mounted

Environmental Specifications

- Operating temperature: - 20°C to 70°C (- 4°F to 158°F)
- Storage temperature: - 40°C to 85°C (- 40°F to 185°F)
- Humidity: 5 to 95% noncondensing

Codes and Standards

- UL1008
- UL508
- NEC 700
- NEC 701

Transfer Switch Features

- Service entrance rated transfer switch with generator selection interlock
- Kohler[®] Decision-Maker[®] MPAC 1500 controller
- Service entrance rated to 42 kAIC
- Standard-transition transfer time less than 100 milliseconds (6 cycles @ 60 Hz)
- Silver alloy main contacts
- Front-accessible contacts for easy inspection
- Electrically operated, mechanically held mechanism
- Reliable, field-proven solenoid mechanism
- Switching mechanisms lubricated for life
- Internal manual operating handle
- Gold-flashed engine start contacts rated 2 amps @ 30 VDC/250 VAC
- Main shaft auxiliary position-indicating contacts (rated 10 amps @ 32 VDC/250 VAC)
- Optional cam lock box for connection and disconnection of mobile generator sets without tools is available. See page 2 for more information.

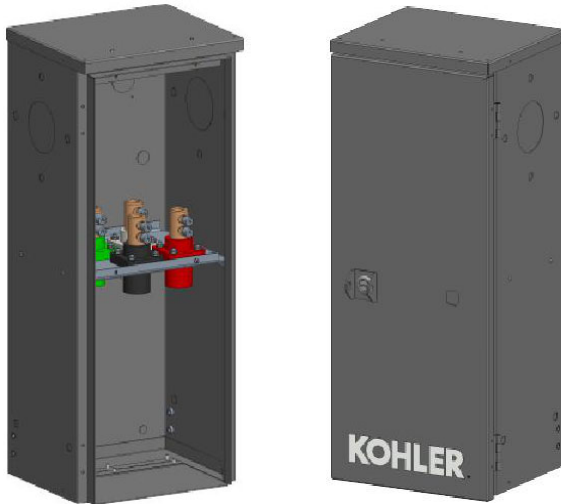
Generator Selector Interlock

- Select between the onsite generator and emergency backup generator
- Manual mechanical interlock allows selection of one source at a time
- Accessible through the panel when the door is open

Surge Protection

- Surge protection reduces transient voltages to harmless levels
- Connected to load terminals of transfer switch
- Replaceable without disconnecting power
- 160kA max surge current, I_{max}
- 5kA lightning current, I_{imp} (per IEC 61643- 11)
- 500V voltage protection rating
- High-performance EMI/RFI filtering:
- 75dB maximum 100 kHz to 100 MHz
- Protection modes: L- L, L- N, L- G, N- G
- Thermal and short circuit protected
- 200kA short circuit current rating
- LED status indicators
- Remote contacts for customer- supplied status indicators:
Form C (NO, NC, C) 60 W DC, 120 VAC, 3A max.
- Audible alarm, 90 dB
- Listed to UL 1449, Edition 3

Optional Cam Lock Box



Features

- Shipped loose for choice of wall mounting or ATS mounting
- Hinged door can be secured with a padlock
- UL1008 listed (Transfer Switch Accessory)
- 5kA short circuit rating
- 180° twist on/off single-pole receptacles
- NEMA 3R enclosure for outdoor installation
- Dead front covers load wiring
- Hinged lower door swings open for mobile generator cable entry, secures closed when not in use

Cam Lock Connectors

- Four color-coded receptacles: black (phase), red (phase), white (neutral), green (ground)
- UL listed twist and lock receptacle
- Single phase, 200A/240V application
- Male receptacles installed in box
- For use with Hubbell HBL series female connectors (customer supplied)

Cam Lock Box Dimensions and Weight	
Height	640 mm (25.1 in.)
Width	262 mm (10.3 in.)
Depth (includes padlock hasp)	242 mm (9.5 in.)
Weight (approximate)	13.6 kg (30 lbs.)

Decision-Maker® MPAC 1500 Controller



- LCD display, 4 lines x 20 characters, backlit
- Complete programming and viewing capability at the door using the keypad and LCD display
- LED indicators: Source available, transfer switch position, service required (fault), and “not in auto”
- Programmable voltage and frequency pickup and dropout settings
- Programmable time delays
- Programmable generator exerciser
- Time-based load control
- Current-based load control (current-sensing kit required)
- Two programmable inputs and two programmable outputs
- Up to four I/O extension modules available
- Modbus communication standard
- RS-485 communication standard
- Ethernet communication standard
- Three-source system
- Prime power

For more information about Decision-Maker® MPAC 1500 features and functions, see specification sheet G11-128.

Transfer Switch Dimensions and Weight*	
Height	1219 mm (48 in.)
Width	813 mm (32 in.)
Depth	330 mm (13 in.)
Weight	114 kg (250lbs.)
* Transfer switch only	

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Availability is subject to change without notice. Kohler Co. reserves the right to change the design or specifications without notice and without any obligation or liability whatsoever. Contact your local Kohler® generator distributor for availability.