YOUR JOB IS COMPLEX. WE MAKE IT EASY.

This isn’t your typical power system, and it isn’t your typical ATS. Because at the heart of your integrated power system is a quality KOHLER® automatic transfer switch. A transfer switch that’s designed by Kohler, built by Kohler and chosen specifically for your power requirements.

Good news: There’s more. Behind that power system is a team of dedicated Kohler engineers that focuses on every element—generator, transfer switch, switchgear and controller—to be sure the system you get is the system you need. You’ll know that your project is supported by an expert team, customized to your exact needs, brought in on budget and on time.

From spec to start-up to service, we do it all.
TOTAL SYSTEM INTEGRATION

1. KOHLER® GENERATOR
   Gas generators 40–1300 kW
   Diesel generators 10–4000 kW

2. KOHLER AUTOMATIC TRANSFER SWITCH
   Open, closed and programmed transition operating modes; standard, bypass-isolation and service-entrance switch configurations

3. KOHLER REMOTE ANNUNCIATOR
   Remote monitoring and testing of transfer switches

4. KOHLER PARALLELING SWITCHGEAR
   Low and medium voltage

5. KOHLER DECISION-MAKER® CONTROLLER
   Controls, monitors and aids system diagnostics

6. KOHLER WIRELESS MONITOR
   Performance monitoring around the clock

7. KOHLER MONITORING SOFTWARE
   Monitors generators and transfer switches from a PC
Bridging the gap between loss of utility and standby power is no small task. KOHLER® automatic transfer switches (ATS) are designed to meet that challenge, distributing power to feed the critical loads of your facility.

Every transfer switch needs a controller to ensure transfer of power from utility to generator and back again. KOHLER Decision-Maker® MPAC® controllers offer clear choices in matching function to application.

**STANDARD FEATURES**

**Multiple Applications**
Find the perfect option. KOHLER automatic transfer switches are available in standard, bypass-isolation and service-entrance configurations with open, closed and programmed transition operating modes, from 30 to 4000 amps.

**Seamless System Integration**
Everything works together. KOHLER transfer switches are designed to interface perfectly with KOHLER generators and paralleling switchgear.

**Advanced Communications**
Every transfer switch comes fully loaded with the technology to do the job. Ethernet and Modbus communications capabilities are available.

**Certified Packages**
Transfer switches are UL-listed and have CSA and IBC certifications available.
AUTOMATIC TRANSFER SWITCHES
They protect your power. And your business.

1 Certified Enclosures
Meet NEMA Type 1, 3R, 12, 4 and 4X enclosure standards

2 Bypass Operation
Eliminates interruption to the loads during maintenance

3 Decision-Maker Controller
Provides a full array of features including communications, I/O, load management and other advanced functionality

4 Heavy-Duty Contactor
Choose from any breaker, specific breaker or current-limiting fuse-rated mechanisms

5 Available Accessories
Anticondensation heater, voltage-surge suppressor, line-to-neutral voltage monitoring, seismic certification and more
You can custom configure switches by choosing the exact components needed. This standard process allows Kohler to provide the correct switch for your application with delivery in the shortest amount of time. Each letter and numeral corresponds to a specific element of the ATS. Here’s an example.

KBP-DMVA-0150S

KOHLER® AUTOMATIC TRANSFER SWITCH (K)

- Bypass-isolation mechanism (B)
- Programmed transition (P)
- Decision-Maker® MPAC® 1500 controller (D)
- 480 V, 60 Hz (M)
- 4-pole, 4-wire with switched neutral (V)
- NEMA 1 enclosure (A)
- Rated at 150 amps (0150)
- Standard connection (S)

<table>
<thead>
<tr>
<th>MECHANISM</th>
<th>Transition</th>
<th>Controls</th>
<th>Voltage</th>
<th>Poles/Wires</th>
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</thead>
<tbody>
<tr>
<td>S – Standard (Specific Breaker)</td>
<td>S – Standard</td>
<td>J – MPAC 750</td>
<td>C – 208 V / 60 Hz</td>
<td>T – 3-Pole / 4-Wire, Solid Neutral</td>
</tr>
<tr>
<td>B – Bypass-Isolation (Type B)</td>
<td>C – Closed</td>
<td>D – MPAC 1500</td>
<td>F – 240 V / 60 Hz</td>
<td>V – 4-Pole / 4-Wire, Switched Neutral</td>
</tr>
<tr>
<td>G – Bypass-Isolation (Type G)</td>
<td>B – MPAC 1200 nonautomatic</td>
<td>G – 380 V / 50 Hz</td>
<td>W – 4-Pole / 4-Wire, Overlapping Neutral</td>
<td></td>
</tr>
<tr>
<td>E – Service Entrance</td>
<td>F – MPAC 1500 nonautomatic</td>
<td>H – 400 V / 50 Hz</td>
<td>J – 416 V / 50 Hz</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>K – 440 V / 60 Hz</td>
<td>L – 480 V / 60 Hz</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>M – 600 V / 60 Hz</td>
<td>N – 600 V / 60 Hz</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>P – 380 V / 60 Hz</td>
<td>R – 220 V / 60 Hz</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ENCLOSURE</th>
<th>Amps</th>
<th>Connection</th>
<th>Utility (KEP)</th>
<th>Generator (KEP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B – NEMA 12</td>
<td>F – Front</td>
<td>N – MCCB ET 250–800 A</td>
<td>M – MCCB TM 100–200 A</td>
<td></td>
</tr>
<tr>
<td>C – NEMA 3R</td>
<td>P – MCCB ET GF 1000–1200 A</td>
<td>N – MCCB ET 250–1200 A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D – NEMA 4</td>
<td>R – ICCB ET 800 A</td>
<td>Q – ICSW 800–4000 A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F – NEMA 4X</td>
<td>T – ICCB ET GF 1000–4000 A</td>
<td>R – ICCB ET 800–4000 A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G – OPEN</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MECHANISM TYPES
Options for every application.

Standard Transfer Switch
A standard transfer switch has a single mechanism that transfers the load from one power source to another power source. It’s the most common type of application.

• Available in standard/open, delayed/programmed and closed transition

Bypass-Isolation Transfer Switch
A bypass-isolation transfer switch bundles an automatic and a manual transfer switch into a single unit.

Bypass isolation is used to transfer power to the manual switch to allow servicing of the ATS while maintaining power to the facility. When the primary automatic transfer switch is in test or isolate position, the manual transfer switch is powering the loads.

Bypass isolation is commonly used in hospitals, data centers and other critical applications where interruption of power for service or maintenance can’t be tolerated.

• One contactor serves as the day-to-day automatic transfer switch
• One contactor serves as a manual transfer switch that bypasses and isolates the automatic switch
• Available in standard/open, delayed/programmed and closed transition

Service Entrance Transfer Switch
A service entrance transfer switch serves as both the automatic transfer switch and the utility disconnect, with circuit breakers and motor operators utilized as the transfer switch mechanisms.

• The breaker on the normal/utility source serves as the main entrance point for the utility
• The emergency/generator source disconnect can be configured as either a breaker or a switch
• Available in delayed/programmed transition
Enclosure Ratings

Protect your property.

NEMA ratings were developed by the National Electrical Manufacturers Association to rate enclosures for industrial environments. Also known as UL enclosure TYPE ratings, they specify standards of protecting equipment against weather, water, dust and light. Choose a NEMA-rated enclosure based on where you’ll install the transfer switch.

**NEMA 1—General purpose**
- For indoor use under normal conditions
- Protects against dust, light and indirect splashing of water
- Prevents contact with live electrical parts

**NEMA 3R—Weather-resistant**
- For indoor or outdoor use
- Provides protection against falling rain and ice formation
- Meets design tests for inadvertent access, external icing and rust resistance

**NEMA 4 and 4X – Watertight and weatherproof**
- For indoor or outdoor use
- Provides protection against splashing and hose-directed water
- Constructed of corrosion-resistant material
- 4 = steel
- 4x = stainless steel

**NEMA 12—General purpose**
- For indoor use
- Protects against circulating particles and dripping of noncorrosive liquids
- Meets drip-, dust- and rust-resistant tests
The transfer switch controller manages the power sensing, timing functions and fault monitoring needed for automatic operation. Depending on your application, the switch can be configured to operate in one of three modes: standard/open transition, delayed/programmed transition or closed transition.

**STANDARD/OPEN: BREAK BEFORE MAKE**

In open transition, the load is disconnected from one source before being connected to the alternate source. This is the most common type of application, used for loads that are not highly inductive or mission-critical.

- One set of contacts opens before the other set closes
- Load is disconnected from power during transfer
DELAYED/PROGRAMMED: BREAK BOTH SIDES

Delayed/programmed mode is used with highly inductive loads such as motor loads and transformers. The load disconnects from one source, then pauses in an “off” position before connecting to the alternate source to protect from power surges. The delay allows the magnetic field to decay to a safe level before transferring. Delayed transition can also be used with the load shed option for lower-priority loads.

- One set of contacts opens before the other set closes
- The other set of contacts delays in closing
- Load is disconnected from power during all transfers
- Delay time is user-programmable

CLOSED TRANSITION: MAKE BEFORE BREAK

Closed transition is used in mission-critical applications, such as data centers and hospitals, where the system can’t withstand a momentary load interruption. The source from which the load is being transferred remains closed until the source to which the load will be transferred is also closed. After both sources are closed, the source from which power is being transferred is opened.

- Contacts overlap, with both sources providing power
- Both sources synchronize before transfer occurs
- Load is never disconnected from power during transfers when both services are available
- Transfers via open transition if one source fails or fails to sync
- External fail-safe timer provided
DECISION-MAKER®
AUTOMATIC TRANSFER SWITCH CONTROLLERS

The controller is the brain behind your automatic transfer switch. It tells the switch what to do and when, dictating the logic that determines the reaction.

MPAC750
Control critical system settings with a no-frills controller that gets the job done. Set time delays, create a system exercise and transfer loads as required.

MPAC1200
A customizable solution for your specific application. The ATS1200 gives you full control of system behavior including extended I/O to customize your needs.

MPAC1500
When you need to manage your loads, use your system as a prime power application or have a backup for your backup (i.e., a three-source system); this controller gets the job done.

<table>
<thead>
<tr>
<th>DECISION-MAKER</th>
<th>MPAC750</th>
<th>MPAC1200</th>
<th>MPAC1500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amperage</td>
<td>Up to 1000 A</td>
<td>Up to 4000 A</td>
<td>Up to 4000 A</td>
</tr>
<tr>
<td>Phases</td>
<td>Single/Three</td>
<td>Single/Three</td>
<td>Single/Three</td>
</tr>
<tr>
<td>Poles</td>
<td>2, 3, 4</td>
<td>2, 3, 4</td>
<td>2, 3, 4</td>
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<tr>
<td>Voltage range</td>
<td>115–480 V</td>
<td>115–600 V</td>
<td>115–600 V</td>
</tr>
<tr>
<td>Product Type</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Standard open transition</td>
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<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Standard delayed transition</td>
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<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Standard closed transition</td>
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<tr>
<td>Bypass-isolation open transition</td>
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<tr>
<td>Bypass-isolation delayed transition</td>
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<td>Yes</td>
</tr>
<tr>
<td>Bypass-isolation closed transition</td>
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<tr>
<td>Service entrance</td>
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<tr>
<td>Withstand and Close-On Ratings (WCR)</td>
<td></td>
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<tr>
<td>WCR-Specific breaker</td>
<td>30–65 kA</td>
<td>30–65 kA</td>
<td>22–100 kA</td>
</tr>
<tr>
<td>WCR-Any breaker</td>
<td>10–100 kA</td>
<td>10–100 kA</td>
<td>10–100 kA</td>
</tr>
<tr>
<td>WCR-Current-limiting fuses</td>
<td>100–200 kA</td>
<td>100–200 kA</td>
<td>100–200 kA</td>
</tr>
<tr>
<td>Short-time withstand rating</td>
<td>36–65 kA</td>
<td>36–65 kA</td>
<td>36–65 kA</td>
</tr>
</tbody>
</table>
## DECISION-MAKER MPAC750 MPAC1200 MPAC1500

### User Interface
- **LED–Contactor position / source available**: Standard | Standard | Standard
- **LED–Service required (fault indication)**: Standard | Standard | Standard
- **LED–Not in automatic mode**: Standard | Standard | Standard
- **Display**: LCD | LCD | LCD
- **Programming**: USB | USB, Display | USB, Display

### Voltage and Frequency Settings
- **Pickup / Dropout normal source voltage**: Programmable | Programmable | Programmable
- **Pickup / Dropout emergency source voltage**: Programmable | Programmable | Programmable
- **Frequency selection**: 50/60 Hz | 50/60 Hz | 50/60 Hz
- **Pickup / Dropout normal source frequency**: Programmable |  |  |
- **Pickup / Dropout emergency source frequency**: Programmable | Programmable | Programmable
- **Overvoltage trip**: Programmable | Programmable | Programmable
- **Overfrequency trip**: Programmable | Programmable | Programmable
- **Normal and emergency voltage unbalance**: Standard | Standard | Standard
- **Inphase monitor**: Standard | Standard | Standard
- **Transfer commit**: Standard | Standard | Standard
- **Phase rotation sensing**: Standard | Standard | Standard

### Time Delays and Configuration Settings
- **Transfer to emergency / Transfer to normal**: Programmable | Programmable | Programmable
- **Engine cooldown**: Fixed | Programmable | Programmable
- **Generator exerciser 7-Day**: 21 exercise events | 21 exercise events | 21 exercise events
- **Remote peak shave**: Standard | Standard | Standard
- **Remote start-time delay**: Programmable (emergency only) | Programmable (emergency only) | Programmable (emergency only)
- **Remote fail to acquire**: Programmable (emergency only) | Programmable (emergency only) | Programmable (emergency only)

### Communications
- **RS-485**: Standard | Standard | Standard
- **Ethernet**: Optional | Optional | Standard

### Accessories
- **Programmable engine exerciser**: Optional external device | Standard | Standard
- **Extended I/O**: Optional (Up to 4 modules) | Optional (Up to 4 modules) | Optional (Up to 4 modules)
- **Digital meter**: Optional | Optional | Optional
- **Source priority selector**: Optional | Optional | Optional
- **Extended engine start-time delay**: Optional | Optional | Optional
- **Controller disconnect switch**: Optional | Optional | Optional
- **Load shed**: Optional | Optional | Optional
- **Load control**: Time-based | Time- or current-based |  |
- **Three-source system**: Standard |  |  |
- **Prime power**: Standard |  |  |
POLES AND NEUTRAL SWITCHING

Ground-fault protection without compromise.

A solid neutral or a switched neutral must be chosen when specifying an automatic transfer switch. A 2-pole/3-pole ATS has a solid, unswitched neutral; a 4-pole ATS has a fully rated switched neutral that follows the contactor position. The neutral switching can be open or overlapping (closed).

The emergency system grounding and ground-fault protection method determine the use of a 2-pole/3-pole or 4-pole transfer switch.

**Solid**
- 2-pole or 3-pole
- Constant contact
- Generator is not a separately derived source

**Switched**
- 4-pole
- Break-before-make on neutral
- Switching neutral with phase contacts
- Generator is a separately derived source

**Overlapping**
- 4-pole
- Make-before-break on neutral
- Neutral contact momentarily tied between two sources while switching sources
- Generator is a separately derived source
Two-Pole/Three-Pole Transfer Switches

A 2-pole/3-pole transfer switch has a solid neutral; the neutral connection is not dependent upon the position of the switch. In this system, the generator is not a separately derived source, and there is no neutral-to-ground link at the generator. Should a ground fault occur, it cannot be sensed by the generator breaker. In this example, it is sensed at the switchgear. If there is a ground fault at point A, the current will leave at point A and must find a way back to the generator (along the neutral). Its only option is to flow along the ground and return into the system at the neutral-to-ground bond at the switchgear (shown at point B).

Four-Pole Transfer Switches

In order for the generator’s current-based ground fault sensor to detect the ground fault and trip the generator unit-mounted circuit breaker, a 4-pole transfer switch is needed. Because the neutral is switched and not continuous, the generator is a separately derived source that needs a neutral-to-ground link at the generator. In this example, if there is a ground fault at point B, the current will leave at point B, and it needs to find a way back to the generator (along the neutral). Its only option is to flow along the ground and return into the system at the neutral-to-ground bond at the generator (shown at point A). Because the sum of the current flow through the GF sensor is above its trip point, the breaker will trip.

National Electrical Code (NEC) and National Fire Protection Association (NFPA) regulations specify how ground-fault protection (GFP) must be handled for a generator system, which in turn determines the number of poles and neutral switching type required of the transfer switch. These regulations also determine whether or not a system needs the generator as a separately derived source.
Withstand and close-on rating (WCR) is comprised of two measurements: the ability of the transfer switch to withstand fault (short circuit) current for a specific period of time while maintaining functionality and the ability of the transfer switch to close into a fault and continue to operate. The time period is determined by the time it takes for an upstream protective device to interrupt the current.

The required WCR level for a given application is driven by the electrical system’s short circuit study. Based on calculated available fault current at the transfer switch installation point and selective breaker trip times required to isolate and clear a fault at the point closest to the fault event, a realistic understanding of the transfer switch’s withstand capability can be seen. Choosing the correct WCR is important for two reasons: Selecting a transfer switch with an unnecessarily high withstand rating results in overspecification and added expense. On the other hand, a transfer switch with an insufficient withstand rating can incur significant damage to itself or other installed electrical equipment.

**Specific Breaker**
A specific-breaker-rated transfer switch (also referred to as series-rated) is tested in coordination with specific upstream circuit breakers. Based on actual fault-current test curves, breakers that trip within the time/current range of the tested breaker are identified. Only those breakers listed on the transfer switch rating decal may be used (refer to image, left). WCR ratings for specific-breaker-rated transfer switches are typically higher than “any breaker” ratings.

**Any Breaker (Umbrella Rating)**
An ATS that passes the “any breaker” test (in accordance with UL 1008) can withstand a fault of a given magnitude for 3 cycles (or 1.5 cycles for transfer switches with a rating smaller than 230 A). This allows an ATS to be used with any UL489 circuit breaker.

**Current-Limiting Fuse**
A current-limiting fuse limits the amount of current that passes through during a fault and protects downstream power system components from catastrophic failure.
Sample breaker-rating label that appears inside every automatic transfer switch enclosure. The information will vary depending on rating.

The WCR required for a specific application may dictate the choice of breaker. Current-limiting fuses offer the highest rating, but fuses need to be replaced after a fault event. A “specific breaker” provides a higher rating but it limits your choice of circuit breaker. An “any breaker” provides a lower rating and offers the most flexibility when choosing a breaker or working with existing electrical equipment.
THREE-SOURCE SYSTEM: BACKUP TO YOUR BACKUP

A three-source system offers redundancy without the complexity or cost of a paralleling system. Available with the MPAC 1500 controller, the system is based on two generators and two automatic transfer switches.

- The first ATS determines if the load is powered by utility or generator
- The second ATS determines which generator is powering the load

THE BENEFITS ARE MANY

- One generator is available when the other is being serviced
- You have automatic backup power from the second generator; many critical power applications require this
- By alternating generator runtime and extending the time it takes to accumulate engine hours, you extend time between maintenance and overhauls
- You lengthen the time between refueling, because you have two fuel sources—one for each generator
- You have peace of mind knowing that if one generator fails, the other is automatic—it’s backup to your backup
MANAGING LOADS

Power critical loads at all times.

A generator is only as good as its power output. If the loads exceed the output capacity, the system’s voltage and frequency can destabilize and stress the generator. To prevent damage to the system, the generator will shut down.

One way to maintain a stable system is to remove or add certain loads as needed. This keeps the generator powering the more critical loads at all times. Kohler offers several ways to accomplish this.

LOAD SHED
Load shed allows a programmed transition switch to transfer to the off position, removing all loads of the ATS from the generator. This should only be used for an ATS that powers lower-priority loads. Once shed, the switch remains in the off position until power is returned to the utility; the switch then transfers to utility. To use this feature, a load-shed module must be installed.

CURRENT-BASE LOAD CONTROL
Current-based load control adds and removes load based on the current measurement of the system. To utilize this feature, a current-sensing kit and I/O modules must be installed. Removing or adding loads based on current can be done at any time during the operation of the ATS.

For example, when output capacity cannot meet the load demands, the system removes low-priority loads when the current is not within a tolerable limit. By removing the low-priority loads, the output of the generator can meet the demand and allow for a stable system. As the system remains stable, the load control determines if and when additional loads can be added back to the system.

LOAD CONTROL
Load control allows up to nine individual loads to be added or removed.

TIME-BASED LOAD CONTROL
Time-based load control adds and removes loads based on pretransfer and posttransfer of the switch. To use this feature, I/O modules must be installed. The removal and addition of the loads is done only at the time of transfer.

For example, in some applications, several motors might be powered by one generator. Due to the motors’ current draw at initial start, the generator can’t start all of them at once. Time-based load control allows one or several motors to be placed on a time delay at start-up, allowing the generator set to start some motors at initial start-up and then add other motors when the time delay expires. Without the time delay, a larger generator or multiple generators may be required.
While every ATS comes to you fully featured, KOHLER® transfer switch accessories allow further customization to suit your facility’s unique needs.

**INPUT-OUTPUT (I/O) MODULES**

**Programmable Standard I/O Module**
This is a separate I/O module with two programmable inputs and six programmable outputs (0.5 A @ 30 VDC/120 VAC).

**Programmable High-Voltage/Current I/O Module**
This is a separate I/O module with two programmable inputs and three programmable outputs (2 A @ 480 VAC or 10 A @ 240 VAC).

**Programmable Alarm Module**
This module offers a 90–dB alarm horn and programmable values for alarm annunciation. The module allows preferred source, supervised transfer control switch and Chicago alarm functions. Preferred-source selection lets the operator designate “normal” or “emergency” source. User interface with system-alert LED indicator shows when the alarm is silenced.

**External Battery Supply Module**
The external battery supply module (EBSM) provides power to the controller while waiting for the generator to start. It allows for an extended generator start-time delay and is required to power the controller on the second ATS in a three-source system. It produces 12 VDC output with 9–36 VDC input and is reverse-polarity protected.

**ANTI-CONDENSATION HEATER**
The strip heater is provided in 125– or 250–W models. A hygrostat, which is user-selectable for proper humidity, is also included.

**CONTROLLER DISCONNECT SWITCH**
This switch removes power from the controller to allow servicing or maintenance.

**CURRENT-SENSING KIT**
The current-sensing kit is sized when the transfer switch is configured. It’s installed on the load side of the contactor. A shorting-type terminal block is used to allow safe disconnection to the controller. The current in each line is displayed on the LCD user interface screen, within 2% accuracy.

**DIGITAL METER KIT**
The digital meter kit provides an LED display for voltage (phase to phase), amperage (each phase), frequency, power (kilowatts), volt-amperes (VA), reactive volt-amperes (VAR), power factor and watt demand.
**GENERATOR CONNECTION BOX**
The generator connection box enables a quick, safe connection of a generator set to the source terminals of a transfer switch. It’s designed to function as a permanently installed, inlet-style assembly rated at 600 VAC or less. It has a NEMA 3R enclosure for outdoor or indoor installation with a hinged, lockable door for controlled access.

**LINE-TO-NEUTRAL VOLTAGE MONITOR**
This module enables the user to view line-to-neutral voltage on 2- and 3-pole transfer switches. Four-pole switches and 30–230 A KCS switches include line-to-neutral voltage monitoring capability as standard.

**LOAD-SHED MODULE**
The load-shed module allows the programmed transition transfer switch to transfer the load from the emergency position to the off position using an external contact closure input.

**REMOTE ANNUNCIATOR**
The remote annunciator allows remote monitoring and testing of up to four transfer switches connected in an RS-485 or Ethernet network.

**SUPERVISED TRANSFER SWITCH**
The three-position selector switch (auto-manual-transfer) is key-operated to place the ATS in one of three modes:
- Automatic position allows complete automatic function of the controller
- Manual position requires supervised control of the transfer when two sources are available
- Transfer position enables the controller to perform a transfer function

The supervised transfer switch has fail-safe operation; the transfer occurs automatically if the source to which that transfer switch is positioned fails and the alternate source is available.

**SURGE PROTECTIVE DEVICES (SPD)**
The surge suppressor is a 10-mode, 100–kA device with LED indication of condition, an auxiliary contact with terminal block and a 30–A circuit breaker disconnect.

**USER INTERFACE COVER**
The cover is hinged and lockable with a padlock and protects the door-mounted user interface.
SERVICE AND SUPPORT
The help you need.
Any time, anywhere.

You’re never too far from Kohler. Across the world, more than 800 locations are ready to provide sales, installation and aftermarket support services. And each one offers expertise in power specifications, equipment and integration. There’s no question they can’t answer. We should know, we trained them ourselves.

Plus, if you ever need assistance in the middle of the night, we’ll take care of you. Kohler power professionals are available to offer troubleshooting, advice, service and support.