

# ***EMERGENCY POWER PRODUCTS***

*POWERFUL RESULTS*

**PSICONTROLSOLUTIONS.COM**

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# ***THE PSI PROMISE***

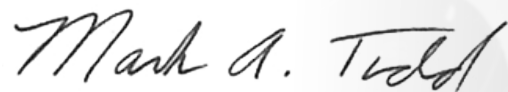
PSI Control Solutions produces high-quality, reliable electrical solutions at a competitive price. We take pride in offering top-quality products and services.

**When you choose PSI Control Solutions, you receive:**

- **Competitive pricing**
- **On-time delivery**
- **Engineering support**
- **UL-certified products**
- **12-month materials warranties**
- **12-month workmanship warranties**
- **Private-label assembly**

These are just a few of the many advantages you'll enjoy when you choose PSI Control Solutions to design and build your customizable electrical equipment.

Sincerely,



**Mark Todd, President and CEO**





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# **FREQUENTLY ASKED QUESTIONS**

## **What's the difference between a manual transfer switch and an automatic transfer switch?**

Transfer switches, which are used to swap from utility “main” power to an auxiliary source, come in these two types. A manual transfer switch must be operated by hand, using a designated lever, switch, or button. An automatic transfer switch (ATS) monitors your structure’s electrical system. If a loss of power is detected, the switch activates, immediately starting your generator and swapping to your emergency power source when it is sufficiently running.

In many applications, a manual transfer switch is adequate. However, ATSEs are heavily relied upon in medical facilities or those for manufacturing or other industries where any period of power loss could be catastrophic.

## **What is the difference between a fusible and a non-fusible safety switch?**

A fusible safety switch incorporates both the safety disconnect and a fuse or set of fuses to provide additional protection against overcurrent. Generally speaking, fusible safety switches are safer but may not always be necessary. It's best to employ fusible switches on circuits or machines that, if malfunctioning, can present an immediate danger to personnel or other electrical systems.



### **Are circuit breakers different from disconnect switches?**

They are, yes. A circuit breaker is a simple piece of protection equipment that is designed to open a circuit if overcurrent is detected. The breaker can switch on and off and does not require changing after tripping.

Disconnect switches perform the same safety function, but most use fuses in addition to the switching mechanism. This makes disconnects ideal for more heavy-duty, more dangerous, or more sensitive electrical systems and machines, though the fuses do need to be changed after use.

### **What are NEMA ratings?**

Electrical enclosures utilize the NEMA rating system to determine what sorts of hazards the enclosure provides sufficient protection against. For example, a NEMA 3R—one of the most often-used enclosure types—protects against dust and minor moisture exposure. These ratings can also identify more complex hazards, such as an “X” in the product name to denote corrosive material resistance.

### **What does “service entrance rated” mean?**

Service-entrance-rated switches can be used as a main service entrance disconnect, or also can be used farther along in the line. These “rated” products have additional overcurrent protection and feature bonded neutral and ground wiring.

### **When should I use a company switch?**

Company switches feature additional ease-of-use functions that make them ideal for entertainment and mobile hospitality venues. The primary reason for use in these industries is that company switches are portable, while other types of disconnects or connection equipment are not. Company switches also can make fast temporary connections to circuits, are exceptionally safe to use, and are tamper-proof.

# GENERATOR DOCKING STATION

## WALL MOUNTED

GTBWM

The Generator Docking Station wall mount offers businesses a means of safely and effectively creating permanent connections to auxiliary and secondary power sources such as portable generator systems. This tap box product is wall mounted and capable of weathering standard conditions both indoors and outdoors via protection offered by NEMA 3R and NEMA 3RSS 316 stainless steel-rated enclosure options.



*cETLus listed to UL 1008 standard, and CSA 22.2,  
400-2000 amps.*



## FEATURES:

- NEMA 3R enclosure or NEMA 3RSS 316 stainless steel enclosure
- RAL-7035 gray for NEMA 3R
- Neutral and ground included
- Pilot light indication for voltage present
- Rated up to and including 600 VAC
- 3 or 4 wire with ground
- Optional phase reversal protection relay
- Bottom access door interlocked with front door. Front door must be unlocked and opened to access bottom camlock cable door connections
- Camlock receptacles are mounted at an angle to help with connecting the cable to the receptacle

# CATALOG NUMBER:

GTBWM -  -    -

GTBWM -  -    -

| USA                    |                     |     |     |     |     |
|------------------------|---------------------|-----|-----|-----|-----|
| VOLTAGE                | CAMLOCK COLOR GUIDE |     |     |     |     |
|                        | A                   | B   | C   | N   | G   |
| V1=120/240V (1PH+N+G)  | BLK                 | RED |     | WHT | GRN |
| V2=240V (3PH+G)        | BLK                 | RED | BLU |     | GRN |
| V3=208Y/120V (3PH+N+G) | BLK                 | RED | BLU | WHT | GRN |
| V4=480Y/277V (3PH+G)   | BRN                 | ORG | YEL | WHT | GRN |
| V5=480V (3PH+G)        | BRN                 | ORG | YEL |     | GRN |
| V6=575/600V (3PH+H+G)  | BLK                 | BLK | BLK | WHT | GRN |
| V7=575/600V (3PH+G)    | BLK                 | BLK | BLK |     | GRN |

| AMPS |
|------|
| 400  |
| 800  |
| 1200 |
| 1600 |
| 2000 |

| CAMLOCK GENDER |
|----------------|
| MALE           |
| FEMALE         |

| ENCLOSURE NEMA RATING     |
|---------------------------|
| N3R=PAINTED CARBON STEEL  |
| N3RSS=316 STAINLESS STEEL |

| ACCESSORIES                       |
|-----------------------------------|
| AA=CAMLOCK SNAP COVERS            |
| AD=GFCI RECEPTACLE                |
| AE=KIRK KEY INTERLOCK             |
| AF=TERMINAL STRIP START SIGNAL    |
| AG=PHASE SEQUENCE MONITOR         |
| AH=POWER METER                    |
| HR=HEATER RECEPTACLES 30 AMP      |
| RS=REMOTE START SIGNAL RECEPTACLE |
| BLANK=NONE                        |

| CANADA                 |                     |     |     |     |     |
|------------------------|---------------------|-----|-----|-----|-----|
| VOLTAGE                | CAMLOCK COLOR GUIDE |     |     |     |     |
|                        | A                   | B   | C   | N   | G   |
| C1=120/240V (1PH+N+G)  | RED                 | BLK |     | WHT | GRN |
| C2=240V (3PH+G)        | RED                 | BLK | BLU |     | GRN |
| C3=208Y/120V (3PH+N+G) | RED                 | BLK | BLU | WHT | GRN |
| C4=480Y/277V (3PH+G)   | RED                 | BLK | BLU | WHT | GRN |
| C5=480V (3PH+G)        | RED                 | BLK | BLU |     | GRN |



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# GENERATOR DOCKING STATION

## FLOOR MOUNTED

GTBFM

The Generator Docking Station floor or pad mount offers businesses a means of safely and effectively creating permanent connections to auxiliary and secondary power sources such as portable generator systems. This tap box product is capable of weathering standard conditions both indoors and outdoors via protection offered by NEMA 3R and NEMA 3RSS 316 stainless steel-rated enclosure options.



*cETLus listed to UL 1008 standard, and CSA 22.2,  
2000-4000 amps.*

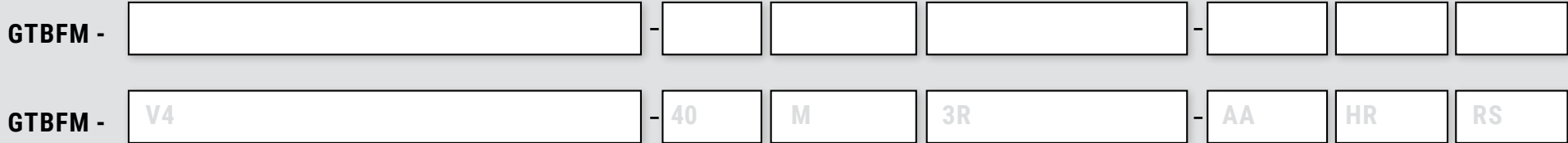


## FEATURES:

- NEMA 3R enclosure or NEMA 3RSS 316 stainless steel enclosure
- RAL-7035 gray for NEMA 3R
- Neutral and ground included
- Pilot light indication for voltage present
- Rated through 600 VAC
- 3 or 4 wire
- Optional phase reversal protection relay
- Bottom access door interlocked with front door. Front door must be unlocked and opened to access bottom camlock cable door connections
- Camlock receptacles are mounted at an angle to help with connecting the cable to the receptacle



# CATALOG NUMBER:



| USA                    |                     |     |     |     |     |
|------------------------|---------------------|-----|-----|-----|-----|
| VOLTAGE                | CAMLOCK COLOR GUIDE |     |     |     |     |
|                        | A                   | B   | C   | N   | G   |
| V1=120/240V (1PH+N+G)  | BLK                 | RED |     | WHT | GRN |
| V2=240V (3PH+G)        | BLK                 | RED | BLU |     | GRN |
| V3=208Y/120V (3PH+N+G) | BLK                 | RED | BLU | WHT | GRN |
| V4=480Y/277V (3PH+G)   | BRN                 | ORG | YEL | WHT | GRN |
| V5=480V (3PH+G)        | BRN                 | ORG | YEL |     | GRN |
| V6=575/600V (3PH+H+G)  | BLK                 | BLK | BLK | WHT | GRN |
| V7=575/600V (3PH+G)    | BLK                 | BLK | BLK |     | GRN |

| CANADA                 |                     |     |     |     |     |
|------------------------|---------------------|-----|-----|-----|-----|
| VOLTAGE                | CAMLOCK COLOR GUIDE |     |     |     |     |
|                        | A                   | B   | C   | N   | G   |
| C1=120/240V (1PH+N+G)  | RED                 | BLK |     | WHT | GRN |
| C2=240V (3PH+G)        | RED                 | BLK | BLU |     | GRN |
| C3=208Y/120V (3PH+N+G) | RED                 | BLK | BLU | WHT | GRN |
| C4=480Y/277V (3PH+G)   | RED                 | BLK | BLU | WHT | GRN |
| C5=480V (3PH+G)        | RED                 | BLK | BLU |     | GRN |

| AMPS |
|------|
| 2000 |
| 2400 |
| 2800 |
| 3200 |
| 4000 |

| CAM-LOCK GENDER |
|-----------------|
| MALE            |
| FEMALE          |

| ENCLOSURE NEMA RATING     |
|---------------------------|
| N3R=PAINTED CARBON STEEL  |
| N3RSS=316 STAINLESS STEEL |

| ACCESSORIES                       |
|-----------------------------------|
| AA=CAMLOCK SNAP COVERS            |
| AD=GFCI RECEPTACLE                |
| AE=KIRK KEY INTERLOCK             |
| AF=TERMINAL STRIP START SIGNAL    |
| AG=PHASE SEQUENCE MONITOR         |
| AH=POWER METER                    |
| HR=HEATER RECEPTACLEs 30 AMP      |
| RS=REMOTE START SIGNAL RECEPTACLE |
| BLANK=NONE                        |



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# GENERATOR DOCKING STATION

“MECHANICAL LUG TO LUG”

GTBLL

The Generator Docking Station Lug to Lug wall mount offers businesses a means of safely and effectively creating permanent connections to auxiliary and secondary power sources such as portable generator systems. This tap box product is wall mounted at 200-3000 amps, and floor or pad mounted at 4000 and 5000 amps. It is capable of weathering standard conditions both indoors and outdoors via protection offered by NEMA 3R-rated enclosure options.



cULus listed to UL1773 standard 200-5000 amps.



## FEATURES:

- NEMA 3R enclosure
- ANSI-61 gray for NEMA 3R
- Neutral and ground included
- Pilot light indication for voltage present
- Rated through 600 VAC
- 3 or 4 wire
- Bus bar shall be sized 1000 amps per square inch
- Lugs are sized at 125% of rated ampacity
- 100% tested at full voltage
- Optional phase reversal protection relay
- Bottom cable door cannot be opened until front door is unlocked and opened

# CATALOG NUMBER:

GTBLL -   -

GTBLL -   -

| AMPS | ENCLOSURE NEMA RATING                                 | ACCESSORIES                       |
|------|---|-----------------------------------|
| 200  | N3R=PAINTED CARBON STEEL<br>N3RSS=316 STAINLESS STEEL | AA=CAMLOCK SNAP COVERS            |
| 400  |   | AD=GFCI RECEPTACLE                |
| 600  |   | AE=KIRK KEY INTERLOCK             |
| 800  |   | AF=TERMINAL STRIP START SIGNAL    |
| 1000 |   | AG=PHASE SEQUENCE MONITOR         |
| 1200 |   | AH=POWER METER                    |
| 1600 |   | HR=HEATER RECEPTACLES 30 AMP      |
| 2000 |   | RS=REMOTE START SIGNAL RECEPTACLE |
| 2500 |   | BLANK=NONE                        |
| 3000 |   |                                   |
| 4000 |   |                                   |
| 5000 |   |                                   |



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# MANUAL TRANSFER SWITCH

## NON-FUSE ROTARY HANDLE

# MTS

A reliable, simple, and cost-effective method to provide building owners with a high level of safety and security, a manual transfer switch is an easy solution to keep the lights and other important systems powered during a temporary or emergency power outage. The switch has double breaking per pole achieved through its sliding bar contacts system. The quick opening and rapid closure provides simultaneous disconnecting or making of all power contacts.



cULus listed to UL 1008 standard from 100 to 1200 amps



## FEATURES:

- NEMA 1, 3R, 4X enclosure or NEMA 3RSS 316 stainless steel enclosure
- ANSI-61 gray for NEMA 3R
- Non-service entrance rated
- I-O-II operation handle lockable in all three positions
- Switch rated for on-load switching
- Neutral and Ground bar included
- Pilot light indication for source availability
- Rated through 600 VAC
- 1 phase 3 wire or 3 phase 3 or 4 wire 3 and 4 pole switches
- Handle is interlocked with enclosure door to prevent opening while in either on position
- Bus bar shall be sized 1000 amps per square inch
- Lugs are sized at 125% of rated ampacity
- 100% tested at full voltage
- Optional phase reversal protection relay



# CATALOG NUMBER:

MTS - [ ] - [ ] - [ ] [ ] - [ ] [ ] [ ]

MTS - 12 - 480/277 - 3R [ ] 3 - AG AE AH

| AMPS | VOLTAGE | ENCLOSURE NEMA RATING     | NUMBER OF POLES | ACCESSORIES                       |
|------|---------|---------------------------|-----------------|-----------------------------------|
| 100  | 480/277 |                           |                 |                                   |
| 200  | 480     | N1=PAINTED CARBON STEEL   | 2               | AA=CAMLOCK SNAP COVERS            |
| 400  | 575     | N3R=PAINTED CARBON STEEL  | 3               | AD=GFCI RECEPTACLE                |
| 600  | 208     | N3RSS=316 STAINLESS STEEL | 4               | AE=KIRK KEY INTERLOCK             |
| 800  | 240     |                           |                 | AF=TERMINAL STRIP START SIGNAL    |
| 1000 |         |                           |                 | AG=PHASE SEQUENCE MONITOR         |
| 1200 |         |                           |                 | AH=POWER METER                    |
| 1600 |         |                           |                 | HR=HEATER RECEPTACLES 30 AMP      |
| 2000 |         |                           |                 | RS=REMOTE START SIGNAL RECEPTACLE |
| 2500 |         |                           |                 | BLANK=NONE                        |
| 3000 |         |                           |                 |                                   |



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# COMBINATION MANUAL TRANSFER SWITCH GENERATOR CONNECTION CABINET NON-FUSE ROTARY HANDLE

# MTSGTB

Combination Manual Transfer switches allow the safe and effective transfer from a primary power source to an alternate power source. Combination MTS's provide the permanent means of connecting a temporary power source via voltage color-coded camlock connections. Camlock connections can be mounted in either right-hand or left-hand configurations.

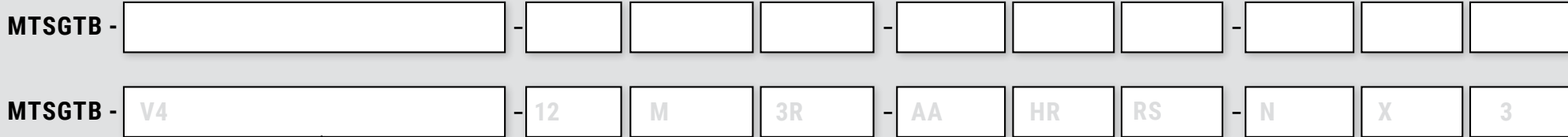


cETLus listed to UL standard 1008 200-1200 amps.

## FEATURES:

- NEMA 1, 3R enclosure or NEMA 3RSS 316 stainless steel enclosure
- RAL-7035 gray for NEMA 3R
- Non-service entrance rated
- I-O-II operation handle lockable in all three positions
- Switch rated for on-load switching
- Neutral and Ground bar included
- Pilot light indication for source availability
- Rated through 600 VAC
- 1 phase 3 wire or 3 phase 3 or 4 wire 3 and 4 pole switches
- Handle is interlocked with enclosure door to prevent opening while in either on position
- Bus bar sized at 1000 amps per square inch
- Lugs are sized at 125% of rated ampacity
- 100% tested at full voltage
- Optional phase reversal protection relay

# CATALOG NUMBER:



| USA                    |                     |     |     |     |     |
|------------------------|---------------------|-----|-----|-----|-----|
| VOLTAGE                | CAMLOCK COLOR GUIDE |     |     |     |     |
|                        | A                   | B   | C   | N   | G   |
| V1=120/240V (1PH+N+G)  | BLK                 | RED |     | WHT | GRN |
| V2=240V (3PH+G)        | BLK                 | RED | BLU |     | GRN |
| V3=208Y/120V (3PH+N+G) | BLK                 | RED | BLU | WHT | GRN |
| V4=480Y/277V (3PH+G)   | BRN                 | ORG | YEL | WHT | GRN |
| V5=480V (3PH+G)        | BRN                 | ORG | YEL |     | GRN |
| V6=575/600V (3PH+H+G)  | BLK                 | BLK | BLK | WHT | GRN |
| V7=575/600V (3PH+G)    | BLK                 | BLK | BLK |     | GRN |

| CANADA                 |                     |     |     |     |     |
|------------------------|---------------------|-----|-----|-----|-----|
| VOLTAGE                | CAMLOCK COLOR GUIDE |     |     |     |     |
|                        | A                   | B   | C   | N   | G   |
| C1=120/240V (1PH+N+G)  | RED                 | BLK |     | WHT | GRN |
| C2=240V (3PH+G)        | RED                 | BLK | BLU |     | GRN |
| C3=208Y/120V (3PH+N+G) | RED                 | BLK | BLU | WHT | GRN |
| C4=480Y/277V (3PH+G)   | RED                 | BLK | BLU | WHT | GRN |
| C5=480V (3PH+G)        | RED                 | BLK | BLU |     | GRN |

| AMPS |
|------|
| 400  |
| 800  |
| 1200 |

| CAM-LOCK GENDER |
|-----------------|
| MALE            |
| FEMALE          |

| ENCLOSURE NEMA RATING     |
|---------------------------|
| N3R=PAINTED CARBON STEEL  |
| N3RSS=316 STAINLESS STEEL |

| ACCESSORIES                       |
|-----------------------------------|
| AA=CAMLOCK SNAP COVERS            |
| AD=GFCI RECEPTACLE                |
| AE=KIRK KEY INTERLOCK             |
| AF=TERMINAL STRIP START SIGNAL    |
| AG=PHASE SEQUENCE MONITOR         |
| AH=POWER METER                    |
| HR=HEATER RECEPTACLES 30 AMP      |
| RS=REMOTE START SIGNAL RECEPTACLE |
| BLANK=NONE                        |

| SHORT CIRCUIT PROTECTION |
|--------------------------|
| N=NONE                   |
| F=FUSE                   |
| B=BREAKER                |
| 65KAIC                   |

| SERVICE ENTRANCE RATED |
|------------------------|
| X=NOT REQUIRED         |
| R=REQUIRED             |

| # OF POLES |
|------------|
| 2          |
| 3          |
| 4          |



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# MANUAL TRANSFER SWITCH BREAKER BREAKER "SERVICE ENTRANCE RATED"

# MTSGBB

Circuit breaker handles are mounted on a dead front door behind the enclosure door, which is lockable or direct door mounted. KIRK key interlocks standard



cETLus listed to UL standard 1008 200-800 amps.

## FEATURES:

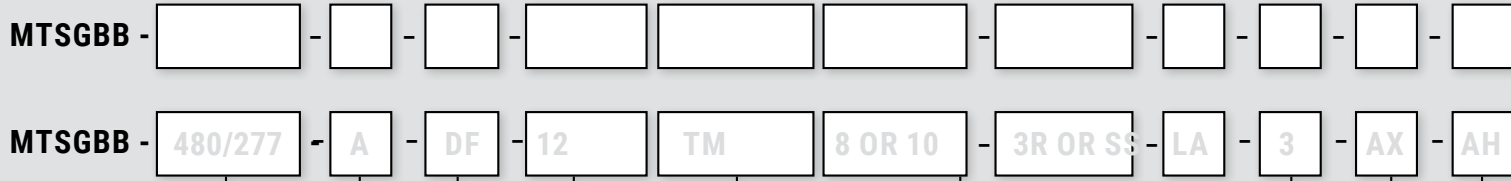
- NEMA 3R ANSI 61 enclosure or NEMA 3RSS 316 stainless steel enclosure
- Service entrance rated
- Molded case circuit breakers 65kAIC @ 480V
- 2 or 3 pole
- KIRK key interlocked breakers
- Only one breaker can be energized at a time
- Breaker handles protected by lockable front door if dead front mounted
- Rated through 600 VAC
- 1 phase 3 wire or 3 phase 3 or 4 wire
- Removable service entrance link and ground bar
- Consult factory for optional 100 kAIC @ 480V molded case circuit breakers
- Breaker auxiliary contacts 2-n/o or 2-n/c or 1-n/o 1-n/c



## ACCESSORIES

- AXX**=400A CAMLOCK CABLE SET (XX=FT)
- AA**=CAMLOCK SNAP COVERS
- AB**=CUSTOM POWDER COAT COLOR
- AC**=HEATER C/W STAT
- AD**=GFCI RECEPTACLE
- AE**=KIRK KEY INTERLOCK
- AF**=TERMINAL STRIP START SIGNAL
- AG**=PHASE SEQUENCE MONITOR
- AH**=POWER METER
- AI**=MICRO-SWITCH
- AX**=AUXILIARY CONTACTS 2-N/O OR 2-N/C OR 1-N/O 1-N/C
- BLANK**=NONE

# CATALOG NUMBER:



**VOLTAGE**

|         |
|---------|
| 480/277 |
| 480     |
| 575     |
| 208     |
| 240     |

**BREAKER HANDLE MOUNTING**

|               |
|---------------|
| DF=Dead Front |
| DM=Door Mount |

**AMPS**

|     |
|-----|
| 100 |
| 200 |
| 225 |
| 250 |
| 300 |
| 350 |
| 400 |
| 600 |
| 800 |

**UTILITY CIRCUIT BREAKER TRIP UNIT**

|                       |
|-----------------------|
| TM=THERMAL MAGNETIC   |
| LS=ELECTRONIC LS      |
| LSI=ELECTRONIC LSI    |
| LSG=ELECTRONIC LSG    |
| LSIG=ELECTRONIC LSIG  |
| KS=MOLDED CASE SWITCH |

**UTILITY BREAKER RATING**

|                |
|----------------|
| 80=80% RATED   |
| 100=100% RATED |

**# OF POLES**

|   |
|---|
| 2 |
| 3 |
| 4 |

**CIRCUIT BREAKER KAIC RATING**

|   | 600V | 480V | 240V |
|---|------|------|------|
| A | 25   | 35   | 65   |
| B | 35   | 65   | 100  |
| C | 50   | 100  | 200  |



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# MANUAL TRANSFER SWITCH BREAKER BREAKER KIRK KEY GENERATOR CONNECTION CABINET

# MTSBBGTB

Color-coded camlock receptacles ensure a quick, safe connection to a portable generator.



cETLus listed to UL 1008 standard 200-800 amps.

## FEATURES:

- NEMA 3R RAL-7035 enclosure or NEMA 3RSS 316 steel enclosure
- Service entrance rated
- Molded case circuit breakers 65 kAIC @ 480V
- 2 and 3 pole 200, 400, 600, 800 amp kirk key interlocked breakers such that only one breaker can be energized at a time
- Breaker handles protected by lockable front door
- Color-coded camlock connectors for backup generator
- Rated through 600 VAC
- 1 phase 3 wire or 3 phase 3 or 4 wire 100% neutral and ground
- Temporary generator camlock access door cannot be opened unless front door is opened first \*Consult factory
- Optional 100 kAIC @ 480V molded case circuit breakers

# CATALOG NUMBER:

MTSBBGTB -  -  -    -  -  -  -

MTSBBGTB -  -  -    -  -  -  -

## USA

| VOLTAGE                | CAMLOCK COLOR GUIDE |     |     |     |     |
|------------------------|---------------------|-----|-----|-----|-----|
|                        | A                   | B   | C   | N   | G   |
| V1=120/240V (1PH+N+G)  | BLK                 | RED |     | WHT | GRN |
| V2=240V (3PH+G)        | BLK                 | RED | BLU |     | GRN |
| V3=208Y/120V (3PH+N+G) | BLK                 | RED | BLU | WHT | GRN |
| V4=480Y/277V (3PH+G)   | BRN                 | ORG | YEL | WHT | GRN |
| V5=480V (3PH+G)        | BRN                 | ORG | YEL |     | GRN |
| V6=575/600V (3PH+H+G)  | BLK                 | BLK | BLK | WHT | GRN |
| V7=575/600V (3PH+G)    | BLK                 | BLK | BLK |     | GRN |

## CANADA

| VOLTAGE                | CAMLOCK COLOR GUIDE |     |     |     |     |
|------------------------|---------------------|-----|-----|-----|-----|
|                        | A                   | B   | C   | N   | G   |
| C1=120/240V (1PH+N+G)  | RED                 | BLK |     | WHT | GRN |
| C2=240V (3PH+G)        | RED                 | BLK | BLU |     | GRN |
| C3=208Y/120V (3PH+N+G) | RED                 | BLK | BLU | WHT | GRN |
| C4=480Y/277V (3PH+G)   | RED                 | BLK | BLU | WHT | GRN |
| C5=480V (3PH+G)        | RED                 | BLK | BLU |     | GRN |

### UTILITY BREAKER AMPS

200 400 600 800

### CIRCUIT BREAKER KAIC RATING

|   | 600V | 480V | 240V |
|---|------|------|------|
| A | 25   | 35   | 65   |
| B | 35   | 65   | 100  |
| C | 50   | 100  | 200  |

### UTILITY CIRCUIT BREAKER TRIP UNIT

TM=THERMAL MAGNETIC  
 LS=ELECTRONIC LS  
 LSI=ELECTRONIC LSI  
 LSG=ELECTRONIC LSG  
 LSIG=ELECTRONIC LSIG  
 KS=MOLED CASE SWITCH

### PORTABLE GENERATOR BREAKER RATING

80=80% RATED  
 100=100% RATED

### ENCLOSURE NEMA RATING

N3R=PAINTED CARBON STEEL  
 N3RSS=316 STAINLESS STEEL

### CAMLOCK GENDER

MALE FEMALE

### ACCESSORIES

AXX=400A CAMLOCK CABLE SET (XX = FT)  
 AA=CAMLOCK SNAP COVERS  
 AB=CUSTOM POWDER COAT COLOR  
 AC=HEATER C/W STAT  
 AD=GFCI RECEPTACLE  
 AE=KIRK KEY INTERLOCK  
 AF=TERMINAL STRIP START SIGNAL  
 AG=PHASE SEQUENCE MONITOR  
 AH= POWER METER  
 AI=MICRO-SWITCH  
 AX=AUXILIARY CONTACTS 2-N/O OR 2-N/C OR 1-N/O 1-N/C  
 BLANK = NONE



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# LOAD BANK DOCKING STATION OR GENERATOR DOCKING STATION

GTBCB

Rotary handle mounted on dead front behind enclosure door. Molded case circuit breaker standard 65kAIC at 480 volts NEMA 3R or 3RSS enclosure with drip shield (50" H x 17" W x 20" D)



cULus listed to UL508A 200-800 amps.

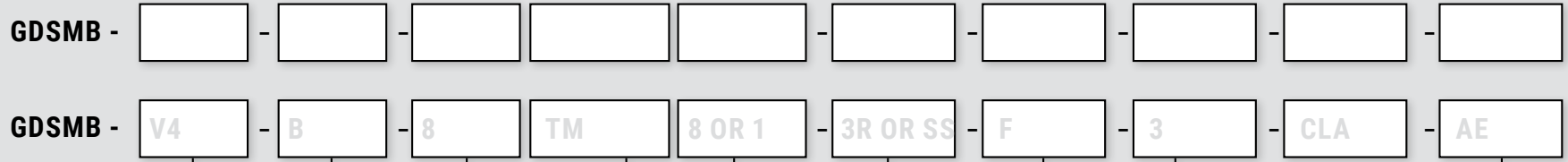


## FEATURES:

- NEMA 3R RAL-7035 enclosure or NEMA 3RSS 316 stainless steel enclosure
- ANSI-61 gray for NEMA 3R
- Breaker operation handle lockable switch rated on-load switching
- Neutral and ground bar included
- Pilot light indication for voltage present
- Rated through 600 VAC
- 1 phase 3 wire or 3 phase 3 or 4 wire
- 65kAIC @ 480V
- Breaker handle mounted on dead front and enclosure door is lockable
- Bus bar shall be sized 1000 amps per square inch lugs are sized at
- Optional phase reversal protection relay



# CATALOG NUMBER:



| USA                    |                     |     |     |     |     |
|------------------------|---------------------|-----|-----|-----|-----|
| VOLTAGE                | CAMLOCK COLOR GUIDE |     |     |     |     |
|                        | A                   | B   | C   | N   | G   |
| V1=120/240V (1PH+N+G)  | BLK                 | RED |     | WHT | GRN |
| V2=240V (3PH+G)        | BLK                 | RED | BLU |     | GRN |
| V3=208Y/120V (3PH+N+G) | BLK                 | RED | BLU | WHT | GRN |
| V4=480Y/277V (3PH+G)   | BRN                 | ORG | YEL | WHT | GRN |
| V5=480V (3PH+G)        | BRN                 | ORG | YEL |     | GRN |
| V6=575/600V (3PH+H+G)  | BLK                 | BLK | BLK | WHT | GRN |
| V7=575/600V (3PH+G)    | BLK                 | BLK | BLK |     | GRN |

| CANADA                 |                     |     |     |     |     |
|------------------------|---------------------|-----|-----|-----|-----|
| VOLTAGE                | CAMLOCK COLOR GUIDE |     |     |     |     |
|                        | A                   | B   | C   | N   | G   |
| C1=120/240V (1PH+N+G)  | RED                 | BLK |     | WHT | GRN |
| C2=240V (3PH+G)        | RED                 | BLK | BLU |     | GRN |
| C3=208Y/120V (3PH+N+G) | RED                 | BLK | BLU | WHT | GRN |
| C4=480Y/277V (3PH+G)   | RED                 | BLK | BLU | WHT | GRN |
| C5=480V (3PH+G)        | RED                 | BLK | BLU |     | GRN |

| CIRCUIT BREAKER<br>KAIC RATING |      |      |      |
|--------------------------------|------|------|------|
|                                | 600V | 480V | 240V |
| A                              | 25   | 35   | 65   |
| B                              | 35   | 65   | 100  |
| C                              | 50   | 100  | 200  |

**BREAKER TRIP UNIT**

TM=THERMAL MAGNETIC  
 LS=ELECTRONIC LS  
 LSI=ELECTRONIC LSI  
 LSG=ELECTRONIC LSG  
 LSIG=ELECTRONIC LSIG  
 KS=MOLDED CASE SWITCH

| AMPS |
|------|
| 200  |
| 400  |
| 600  |
| 800  |

**BREAKER RATING**

80=80% RATED  
 100=100% RATED

**ENCLOSURE  
NEMA  
RATING**

N3R=PAINTED  
 CARBON STEEL  
 N3RSS=316  
 STAINLESS STEEL

**CAM-  
LOCK  
GENDER**

MALE  
 FEMALE

| # OF<br>POLES |
|---------------|
| 2             |
| 3             |
| 4             |

**ACCESSORIES**

AA=CAMLOCK SNAP COVERS  
 AD=GFCI RECEPTACLE  
 AE=KIRK KEY INTERLOCK  
 AF=TERMINAL STRIP START SIGNAL  
 AG=PHASE SEQUENCE MONITOR  
 AH=POWER METER  
 HR=HEATER RECEPTACLES 30 AMP  
 RS=REMOTE START SIGNAL RECEPTACLE  
 BLANK=NONE



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# ENCLOSED MOLDED CASE CIRCUIT BREAKER

# ECB

Circuit breakers are ideal for providing a swift means of disconnecting mechanical or electronic systems from their primary power source in a safe manner. Circuit breakers operate both automatically, protecting against circuit faults, and manually in the case of a needed emergency stop or for planned maintenance and repairs.



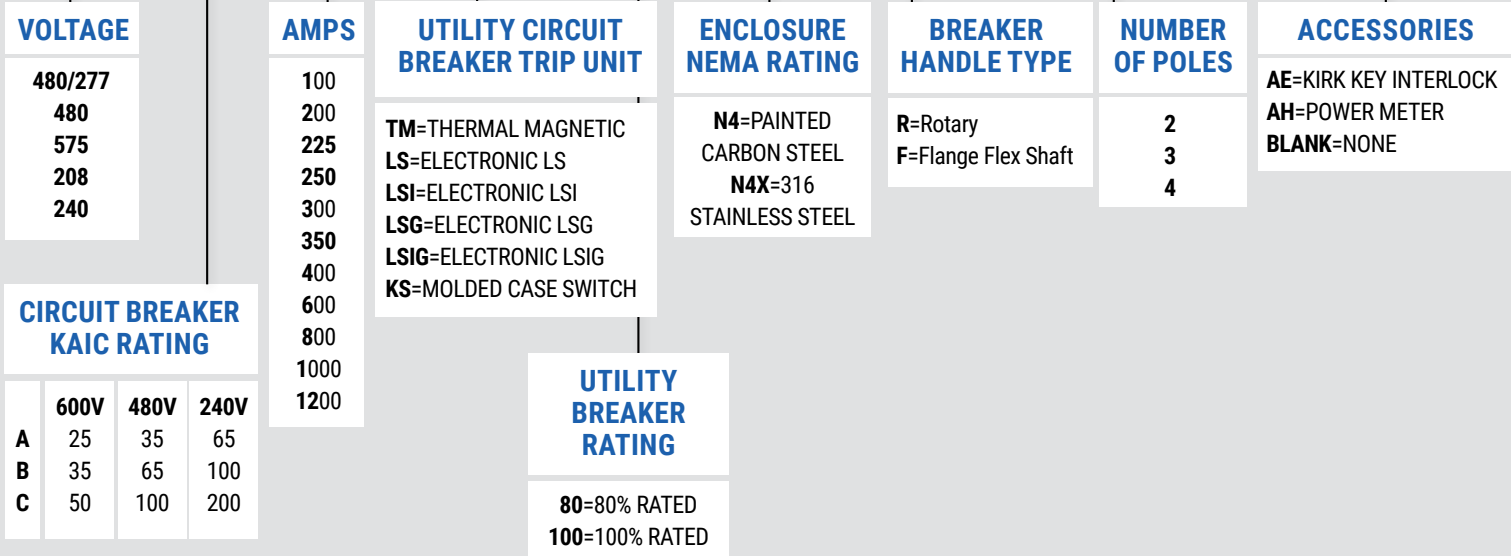
## FEATURES:

- NEMA 4/12 and 4x enclosure
- ANSI-61 gray for NEMA 4
- Ground included
- Neutral bar
- Pilot light indication for voltage present
- Rated through 600 VAC
- Bus bar shall be sized 1000 amps per square inch Lugs are sized at 125% of rated ampacity
- 100% tested at full voltage and breaker rated 80% or 100%
- Breaker kAIC rating 35 65 100

# CATALOG NUMBER:

ECB - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

ECB - 480/277 - A - 20 - TM - 8 OR 1 - N4 - R - 3 - AX - AH



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# THREE-WAY MANUAL TRANSFER SWITCH

# 3WMTS

Circuit breakers are ideal for providing a swift means of disconnecting mechanical or electronic systems from their primary power source in a safe manner. Circuit breakers operate both automatically, protecting against circuit faults, and manually in the case of a needed emergency stop or for planned maintenance and repairs.



*cETLus listed to UL 1008 standard 100-800 amps.*

## FEATURES:

- NEMA 4/12 and 4x enclosure
- ANSI-61 gray for NEMA 4
- Ground included
- Neutral bar
- Pilot light indication for voltage present
- Rated through 600 VAC
- Bus bar shall be sized 1000A/sq inch lugs are sized at 125% of rated amps
- 100% tested at full voltage breaker rated 80% or 100%
- Breaker kAIC rating 35 65 100

# CATALOG NUMBER:

3WMTS -  -  -    -  -  -

3WMTS -  -  -    -  -  -

| USA                    |                     |     |     |     |     |
|------------------------|---------------------|-----|-----|-----|-----|
| VOLTAGE                | CAMLOCK COLOR GUIDE |     |     |     |     |
|                        | A                   | B   | C   | N   | G   |
| V1=120/240V (1PH+N+G)  | BLK                 | RED |     | WHT | GRN |
| V2=240V (3PH+G)        | BLK                 | RED | BLU |     | GRN |
| V3=208Y/120V (3PH+N+G) | BLK                 | RED | BLU | WHT | GRN |
| V4=480Y/277V (3PH+G)   | BRN                 | ORG | YEL | WHT | GRN |
| V5=480V (3PH+G)        | BRN                 | ORG | YEL |     | GRN |
| V6=575/600V (3PH+H+G)  | BLK                 | BLK | BLK | WHT | GRN |
| V7=575/600V (3PH+G)    | BLK                 | BLK | BLK |     | GRN |

| CANADA                 |                     |     |     |     |     |
|------------------------|---------------------|-----|-----|-----|-----|
| VOLTAGE                | CAMLOCK COLOR GUIDE |     |     |     |     |
|                        | A                   | B   | C   | N   | G   |
| C1=120/240V (1PH+N+G)  | RED                 | BLK |     | WHT | GRN |
| C2=240V (3PH+G)        | RED                 | BLK | BLU |     | GRN |
| C3=208Y/120V (3PH+N+G) | RED                 | BLK | BLU | WHT | GRN |
| C4=480Y/277V (3PH+G)   | RED                 | BLK | BLU | WHT | GRN |
| C5=480V (3PH+G)        | RED                 | BLK | BLU |     | GRN |

| CIRCUIT BREAKER<br>KAIC RATING |      |      |      |
|--------------------------------|------|------|------|
|                                | 600V | 480V | 240V |
| A                              | 25   | 35   | 65   |
| B                              | 35   | 65   | 100  |
| C                              | 50   | 100  | 200  |

| LOAD BANK<br>BREAKER<br>AMPS |
|------------------------------|
| 100-800                      |

| LOAD BANK CIRCUIT<br>BREAKER TRIP UNIT |
|--|
| TM = THERMAL MAGNETIC                  |
| LS = ELECTRONIC LS                     |
| LSI = ELECTRONIC LSI                   |
| LSG = ELECTRONIC LSG                   |
| LSIG = ELECTRONIC LSIG                 |
| W/ MAINTANCE MODE                      |
| KS = MOLDED CASE SWITCH                |

- ### ACCESSORIES
- AXX=400A CAMLOCK CABLE SET (XX=FT)
  - AA=CAMLOCK SNAP COVERS
  - AB=CUSTOM POWDER COAT COLOR
  - AC=HEATER C/W STAT
  - AD=GFCI RECEPTACLE
  - AE=KIRK KEY INTERLOCK
  - AF=TERMINAL STRIP START SIGNAL
  - AG=PHASE SEQUENCE MONITOR
  - AH=POWER METER
  - AI=MICRO-SWITCH
  - AJ=LEG STAND SET
  - BLANK=NONE

- ### ENCLOSURE NEMA RATING
- N1=PAINTED CARBON STEEL
  - N3R=PAINTED CARBON STEEL
  - N3RSS=316 STAINLESS STEEL



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# SAFETY SWITCH DISCONNECT FUSIBLE OR NON-FUSIBLE

DS

Safety switches are ideal for providing a swift means of disconnecting mechanical or electronic systems from their primary power source in a safe manner. Safety switches operate both automatically, protecting against circuit faults, and manually in the case of a needed emergency stop for planned maintenance and repairs.

*These units are UL508A listed.*



## FEATURES:

- NEMA 4 and 4x enclosure
- ANSI-61 gray for NEMA 4
- Ground included
- Neutral bar available
- Pilot light indication for voltage present rated through 600 VAC
- 3 or 4 wire
- Bus bar shall be sized 1000 amps per square inch Lugs are sized at 125% of rated ampacity 100% tested at full voltage



# CATALOG NUMBER:

DS -  -  -    -

DS - 480/277 - F - 8 N 8 - N4

| VOLTAGE | SHORT CIRCUIT PROTECTION | AMPS | NEUTRAL BAR INSTALLED               | FUSES INSTALLED | ENCLOSURE NEMA RATING                              |
|---------|--------------------------|------|-------------------------------------|-----------------|--|
| 480/277 | N=None Fuse<br>F=Fusible | 30   | NB=Yes, installed<br>X=Not Required | 30              | N4=PAINTED CARBON STEEL<br>N4X=316 STAINLESS STEEL |
| 480     |                          | 60   |                                     | 60              |  |
| 575     |                          | 100  |                                     | 100             |  |
| 208     |                          | 200  |                                     | 200             |  |
| 240     |                          | 400  |                                     | 400             |  |
|         |                          | 600  |                                     | 600             |  |
|         |                          | 800  |                                     | 800             |  |
|         |                          | 1200 |                                     | 1200            |  |
|         |                          | 1600 |                                     | 1600            |  |
|         |                          | 2000 |                                     | 2000            |  |
|         |                          |      |                                     | NF=Not Required |  |



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# ***ABOUT PSI CONTROL SOLUTIONS***

Founded in 1961 and headquartered in Charlotte, North Carolina, PSI Control Solutions operates as a private-label manufacturer of control panels, low- and medium-voltage starters, VFD panels, power-metering equipment, transfer switches, and generator tap boxes for original equipment manufacturers (OEMs) within a wide variety of commercial and manufacturing industries. As a result of this concentration on the OEM markets, we continue to develop strong relationships with electrical component suppliers that enable us to produce high-quality, reliable control panels that are competitively priced and delivered on time.

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