

POWERTRON®

Product Guide

Discover the
POWERTRON
Difference



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HISTORY OF POWERTRON

From Field-Tested Roots to Industry-Leading Innovation.

Powertron's legacy began in the 1960s as a trusted name in generator service and sales, originally supporting Caterpillar and later Kohler generators in the greater Chicagoland area. In 2008, Powertron shifted its focus to the manufacturing of generator and load bank tap boxes, bringing decades of hands-on experience into every product we build.

From the very beginning, Powertron products have been engineered with safety, practicality, and quality in mind. Designed for ease of installation and reliable performance in the field, our equipment is built to meet the demands of emergency responders, electrical contractors, and facilities professionals who rely on dependable power transfer systems.

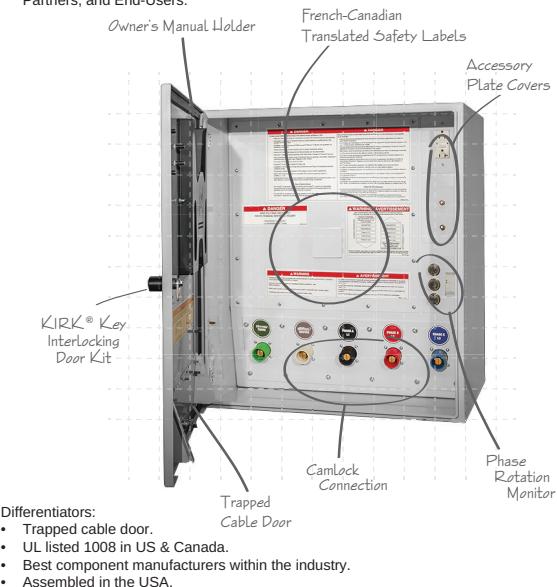
In 2022, Powertron became part of RONK Electrical Industries, a company with a 75-year legacy of delivering trusted power solutions to utilities, municipalities, contractors, and other power suppliers. Under RONK's leadership, the Powertron brand continues to grow, offering an expanded line of tap boxes, transfer switches, and innovative power distribution solutions that are code-compliant, user-friendly, and ready to perform when it matters most.

This catalog showcases the full range of Powertron products available today, from our original tap box designs to the latest additions including ATS (Automatic Transfer Switch), MTS (Manual Transfer Switch), DTS (Double-Throw Switch), and Dual-Purpose systems. Whether you're outfitting a critical facility or preparing for storm season, Powertron delivers the quality you expect and the safety you can rely on.



Where We Excel:

- Premiere off the shelf products: True manufactured products not custom 1-off's.
- Industry leading lead times: We keep a heavy amount of component inventory and sub-assemblies in stock to allow responsive lead times.
- Relevant product information: We lead the industry in providing product information that is relevant and accessible.
- Lean Manufacturing processes and procedures: Our quality control team are continuously improving the way we communicate internally, manage our inventory, and how we manufacture.
- Technical Questions/Quoting: We try to get you a response in a few hours if not most times, in minutes.
- Ease of doing business: We serve many customers Engineers, Installers, Channel Partners, and End-Users.



SWITCH LINEUP

The Powertron line of transfer switches is engineered to deliver safe, reliable, and efficient power transfer for critical applications across commercial, industrial, and residential markets. Built in durable NEMA 3R enclosures, each unit is designed to perform under demanding field conditions while maintaining the precision and quality that define RONK products. The Powertron Automatic Transfer Switch (ATS), Manual Transfer Switch (MTS), and Double-Throw Switch (DTS) each offer tailored solutions for controlling power between the power supplier and generator sources. From automated, hands-free operation to rugged manual control, Powertron switches provide the dependable performance and straightforward installation that electrical professionals trust. Together, these models represent RONK's commitment to innovation, safety, and long-term reliability in power management.

POWERTRON ATS (Automatic Transfer Switch)



Features:

- Comes standard as NEMA 3R wall-mount enclosure, level 3 controller.
- UL1008.
- User-friendly digital controller comes factory set with common trips and time delays.
- Easy to change parameters, test and has the option to switch to manual mode if needed.
- TruONE® HMI is password protected and provides access to a variety of features, including programmable set points, time delays, digital I/O, exercisers, switch status, event logging, and diagnostics.

Available Configurations:

60A, 100A, 200A, 260A, 400A, 600A, 800A, 1000A, 1200A

POWERTRON MTS (Manual Transfer Switch)



Features:

- UL1008 manual transfer switches come standard in a NEMA Type 4/12 powder-coated steel wall-mount enclosure; 4X-316 stainless steel enclosures are also available.
- The compact mechanism is completely enclosed, and the rotary operator handle is mounted on the door and lockable in three positions: On Line, Off, and On Auxiliary.
- Available for single phase and three phase power. All 2-pole and 3-pole models have a solid neutral bar, and 4-pole models have a switched neutral on the fourth pole.
- Lugs are factory installed for connection to switch poles.
- Factory installed auxiliary contacts for remote ON/OFF signaling or electrical interlocking.

Available Configurations:

100A, 200A, 260A, 400A, 600A, 800A, 1200A

POWERTRON DTS (Double-Throw Switch)



Features:

- SUSE rated switches include upgrades to comply with requirements in NEC2023.
- Heavy-duty double-throw switches come standard in a NEMA Type 4/12 powder-coated steel wall-mount enclosure.
- NEMA Type 4X-316 stainless steel enclosures are also available- specify when ordering.
- The compact mechanism is completely enclosed and the rotary operator handle is mounted on the door and lockable in three positions: On Line, Off, and On Auxiliary.
- Lugs are factory installed for connection to switch poles. Mounting ears are attached at each of the four corners.
- Factory-installed auxiliary contacts for remote ON/OFF signaling or electrical interlocking.
- Switches are rated 100% capacity, continuous duty.

Available Configurations:

100A, 200A, 400A, 600A, 800A, 1200A

TECHNICAL SPECIFICATIONS



POWERTRON DTS

POWERTRON DTS switches provide economical, reliable, and safe transfer of low voltage loads between main power and an auxiliary source.

Heavy-duty double-throw switches come standard in a NEMA Type 4/12 powder-coated steel wall-mount enclosure; 4X316 stainless steel enclosures are also available.

The compact mechanism is completely enclosed, and the rotary operator handle is mounted on the door and lockable in three positions: On Line, Off, and On Auxiliary.

Available for single phase and three phase power. All 2-pole and 3-pole models have a solid neutral bar, and 4-pole models have a switched neutral on the fourth pole.

Lugs are factory installed for connection to switch poles.

Factory-installed auxiliary contacts for remote ON/OFF signaling or electrical interlocking.

Caution: Do not switch between sources with motor loads operating.

**MANUAL, 600 VAC RATED,
NOT-FUSED, WITH CENTER-OFF POSITION**

The switches listed below are rated 100% capacity, continuous duty.

Part Number	Current	Poles	UL98 Listed	SUSE Rated	Approx. Weight (lbs)
41025E*	100A	2	Yes	Yes	67
41035E*		3	Yes	Yes	69
4104		4	Yes		71
42025E*	200A	2	Yes	Yes	78
42035E*		3	Yes	Yes	80
4204		4	Yes		82
44025E*	400A	2	Yes	Yes	200
44035E*		3	Yes	Yes	202
4404		4	Yes		204
46035E*	600A	3	Yes	Yes	320
4604		4	Yes		323
48035E*	800A	3	Yes	Yes	407
4804		4	Yes		410
4903	1200A	3	Yes		415
4904		4	Yes		419

Note: *SE stands for Suitable for Use as Service Equipment. SUSE rated switches include upgrades to comply with requirements in NEC2023.

WIRE RANGES

Part Number	Current	Lug Connections (Line, Auxiliary, Load, Neutral)	Wires Allowed per Lug	Lugs per Pole	Lug Image
41025E					
41035E	100A	#6 - 300 MCM Cu/Al	1	1	
4104					
42025E					
42035E	200A	#6 - 300 MCM Cu/Al	1	1	
4204					
44025E					
44035E	400A	#4 - 600 MCM Cu/Al or 1/0 - 250 MCM Cu/Al	1 or 2	1	
4404					
46035E	600A	#2 - 600 MCM Cu/Al	2	1	
4604					
48035E	800A	#2 - 600 MCM Cu/Al	2	2	
4804					
4903	1200A	#2 - 600 MCM Cu/Al	2	2	
4904					

NEC2023
COMPLIANT

AUXILIARY CONTACTS

81 - COM
82 - NC POS I - LINE
84 - NO

91 - COM
92 - NC POS II - LINE
94 - NO

AUXILIARY DRY CONTACTS

14 - 16 AWG 600V

General Use 10A
250 Vac Max
1 min. 100mA

DIMENSIONS OF ENCLOSURES BY MODEL

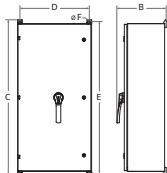


Figure 1.

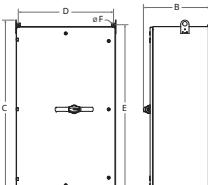


Figure 2.

Part Number	Current	Figure #	A	B	C	D	E	F
41025E	100A	1	20	13-3/8	26-7/16	18-1/2	25-5/16	7/16
41035E								
4104								
42025E	200A	1	20	13-3/8	32-7/16	18-1/2	31-5/16	7/16
42035E								
4204								
44025E	400A	1	24	20	50-7/16	22-1/2	49-5/16	7/16
44035E								
4404								
46035E	600A	1	36	24-1/16	50-7/16	34-1/2	49-5/16	7/16
4604								
48035E	800A	2	36	24	63-1/2	34-1/2	61-5/16	7/16
4804								
4903	1200A	2	36	24	63-1/2	34-1/2	61-5/16	7/16
4904								

SERVICE EQUIPMENT BONDING

When the switch is used as Service Equipment, the Bonding Jumper must be installed connecting the Neural Assembly to the Panel. Reference Article 230 of NFPA 70® / National Electrical Code® for information on Service Installations. Per 230-91, when the Service Overcurrent Device is not an integral part of the Service Disconnecting Means, it "shall be located immediately adjacent thereto". Reference Article 250 for information on grounding and bonding.

For 100-200 Amp units, use the included bonding braid and #10-32 ground screws.

Torque: 30in-lbs.

For 400 Amp units, use the included copper bus bar and 1/4-20 serrated nuts.

Torque: 75in-lbs.

For 600-800 Amp units, use the included copper bus bar and 3/8-16 serrated nuts.

Torque: 240in-lbs.



RONK ELECTRICAL INDUSTRIES

ronkelectrical.com | 800.221.7665 | Product Guide

POWERTRON MTS

MANUAL, NON-FUSED, WITH CENTER-OFF POSITION

The switches listed are rated 100% capacity, continuous duty.

POWERTRON MTS provide economical, reliable, and safe transfer of loads between main power and auxiliary source.

UL1008 manual transfer switches come standard in a NEMA Type 4/12 powder-coated steel wall-mount enclosure; 4X316 stainless steel enclosures are also available.

The compact mechanism is completely enclosed, and the rotary operator handle is mounted on the door and lockable in three positions: On Line, Off, and On Auxiliary.

Available for single phase and three phase power. All 2-pole and 3-pole models have a solid neutral bar, and 4-pole models have a switched neutral on the fourth pole.

Lugs are factory installed for connection to switch poles.

Factory installed auxiliary contacts for remote ON/OFF signaling or electrical interlocking.

**Total System Transfer Amperage - Suitable for control of motors, electric discharge lamps, tungsten filament lamps and electric heating equipment where the sum of motor full-load ampere ratings and the ampere ratings of other loads do not exceed the ampere rating of the switch and the tungsten load does not exceed 30 percent of switch rating.

WIRE RANGES

Part Number	Poles	Lug Connections (Line, Auxiliary, Load, Neutral)	Wires Allowed per Lug	Lugs per Pole	Lug Image
5102SE	2	#6 - 300 MCM Cu/Al	1	1	
5103SE	3	#6 - 300 MCM Cu/Al	1	1	
5104	4				
5202SE	2	#6 - 300 MCM Cu/Al	1	1	
5203SE	3	#6 - 300 MCM Cu/Al	1	1	
5204	4				
5302SE	2	#4 - 600 MCM Cu/Al or 1/0 - 250 MCM Cu/Al	1 or 2	1	
5303SE	3	#4 - 600 MCM Cu/Al or 1/0 - 250 MCM Cu/Al	1 or 2	1	
5304	4				
5402SE	2	#4 - 600 MCM Cu/Al or 1/0 - 250 MCM Cu/Al	1 or 2	1	
5403SE	3	#4 - 600 MCM Cu/Al or 1/0 - 250 MCM Cu/Al	1 or 2	1	
5404	4				
5603SE	2	#2 - 600 MCM Cu/Al	2	2	
5604	3	#2 - 600 MCM Cu/Al	2	2	
5605SE	4	#2 - 600 MCM Cu/Al	2	2	
5803SE	2	#2 - 600 MCM Cu/Al	2	2	
5804	3	#2 - 600 MCM Cu/Al	2	2	
5903	4	#2 - 600 MCM Cu/Al	2	2	
5904	4	#2 - 600 MCM Cu/Al	2	2	

Note: *SE stands for Suitable for Use as Service Equipment.

AUXILIARY CONTACTS

81 - COM
82 - NC POS I - LINE
84 - NO

91 - COM
92 - NC POS II - LINE
94 - NO

AUXILIARY DRY CONTACTS

14 - 16 AWG 600V

General Use 10A
250 Vac Max
1 min. 100mA



DIMENSIONS OF ENCLOSURES BY MODEL

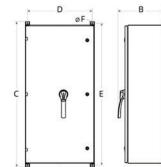


Figure 1.

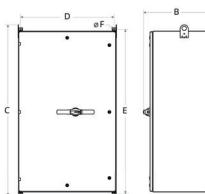


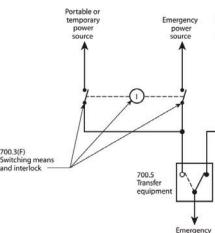
Figure 2.

Part Number	Figure #	Approx. Weight	A	B	C	D	E	F
5102SE								
5103SE	1	70 lbs.	20	13-3/8	26-7/16	18-1/2	25-5/16	7/16
5104								
5202SE								
5203SE	1	80 lbs.	20	13-3/8	32-7/16	18-1/2	31-5/16	7/16
5204								
5302SE								
5303SE	1		24	20	50-7/16	22-1/2	49-5/16	7/16
5304								
5402SE								
5403SE	1	200 lbs.	24	20	50-7/16	22-1/2	49-5/16	7/16
5404								
5603SE	1	320 lbs.	36	24-1/16	50-7/16	34-1/2	49-5/16	7/16
5604								
5803SE	2	400 lbs.	36	24	63-1/2	34-1/2	61-5/16	7/16
5804								
5903	2	415 lbs.	36	24	63-1/2	34-1/2	61-5/16	7/16
5904								

SIRCOVER UL 98/1008

The SIRCOVER UL 98/1008 can also be used as switching means to a temporary power supply in emergency systems (systems needed for human safety) as described in article 700.3(f) of the NEC (see example: "switching means and interlock").

Example of connection for temporary or portable power (1). (1) National Fire Protection Agency, NFPA 70: National Electrical Code®, 2017 Edition. Quincy, MA: National Fire Protection Agency, 2016, p. 70-581.



POWERTRON ATS

The POWERTRON Automatic Transfer Switch (ATS) ensures your critical loads are seamlessly transferred during a power outage. By continuously monitoring your business's power supply, the Powertron ATS detects interruptions or failures due to accidents or adverse weather and promptly switches to generator power. This keeps your essential machines, devices, and appliances running safely and efficiently.

The POWERTRON ATS features a robust NEMA 3R steel enclosure. Its user-friendly TruONE® HMI is password protected and provides access to a variety of features, including programmable set points, time delays, digital I/O, exercisers, switch status, event logging, and diagnostics.



PART NUMBER BUILDER

[Add for Service Rated Switch Only]											
Product Line	Family	Type	AMP	Phase Poles	Neutral	Ground Rollers	Volt-Amp	Enclosure	Service Entrance	Breaker Type	Interrupting Ratings (SE Model Only)
P (Powertron)	OX	A Open Transition	600	2 ^{**}	X Solid Neutral	2	200-480V	Q MS3R NEMA 3R	SE	TM Thermal Mag Molded Case - 80% Rated	N 65K @ 240V 65K
			100	3	S Selected Neutral	3		SS3R304 NEMA 3R, Stainless Steel 304		ET Electronic Trip (S)	H 150K @ 240V 65K
			200	4		4		SS3R316 NEMA 3R, Stainless Steel 316			H 480V
			250					SS4R40 NEMA 4X, Stainless Steel 304			
			400					SS4R41 NEMA 4X, Stainless Steel 316			
			600								
			800								
			1000								
			1200								

*Bold denotes standard product offering
** 2 phase poles available only with 60-600 Amp units

Example Part # - POXA8003X3QMS3R 800 Amp, 3 Pole, Solid Neutral, Level 3 Controller, 200-480V, NEMA 3R Enclosure

FEATURES

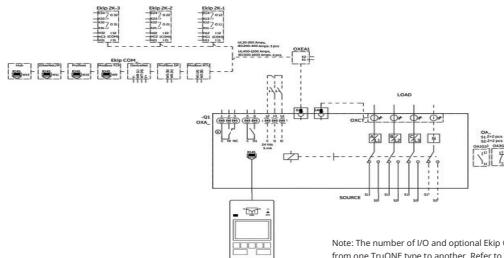
- Comes standard as NEMA 3R enclosure, level 3 controller
- UL Listed
- User-friendly digital controller comes factory set with common trips and time delays
- Easy to change parameters, test and has the option to switch to manual mode if needed

CONTROL AT YOUR FINGERTIPS

Once sources are connected, an innovative auto-configure function via the HMI sets electrical system parameters in seconds. Because of the innovative technology, no additional control wiring or troubleshooting is required on-site. And any programming changes can be done from the HMI with a few keystrokes, making commissioning quick and painless.

WIRING DIAGRAM

TruONE ATS, open transition (types OXA_)



Note: The number of I/O and optional Ekip Com modules vary from one TruONE type to another. Refer to TruONE feature comparison and accessory pages for more details.

ENCLOSURE SPECIFICATIONS

Part Number	Approx. Unit Total Wt.	Enclosure Size	Input Lugs Source 1 (Non SE only)	Input Lugs Source 2	Output Lugs
POXA060...	125lbs		14AWG-2/0AWG; Qty 1/pole	14AWG-2/0AWG; Qty 1/pole	14AWG-2/0AWG; Qty 1/pole
POXA100...	125lbs	42"Tx24"Tx10"D	6AWG-300MCM; Qty 1/pole	4AWG-300MCM; Qty 1/pole	6AWG-300MCM; Qty 1/pole
POXA200...	125lbs		6AWG-300MCM; Qty 1/pole	4AWG-300MCM; Qty 1/pole	6AWG-300MCM; Qty 1/pole
POXA250...	200lbs	48"Tx36"Tx16"D	4AWG-600MCM; Qty 1/pole or 1/0AWG-250MCM; Qty 2/pole	4AWG-600MCM; Qty 1/pole	4AWG-600MCM; Qty 1/pole
POXA400...	205lbs		4AWG-600MCM; Qty 1/pole or 1/0AWG-250MCM; Qty 2/pole	4AWG-600MCM; Qty 1/pole	4AWG-600MCM; Qty 1/pole
POXA600...	280lbs	60"Tx36"Tx16"D	2AWG-600MCM; Qty 2/pole	2AWG-600MCM; Qty 2/pole	2AWG-600MCM; Qty 2/pole
POXA800...	365lbs		2AWG-600MCM; Qty 4/pole	2AWG-600MCM; Qty 4/pole	2AWG-600MCM; Qty 4/pole
POXA1000...	365lbs	72"Tx36"Tx16"D	2AWG-600MCM; Qty 4/pole	2AWG-600MCM; Qty 4/pole	2AWG-600MCM; Qty 4/pole
POXA1200...	365lbs		2AWG-600MCM; Qty 4/pole	2AWG-600MCM; Qty 4/pole	2AWG-600MCM; Qty 4/pole
Input Lugs On Brkr (SE only)					
POXA600...SE	130lbs		14AWG-1/0AWG; Qty 1/pole	14AWG-2/0AWG; Qty 1/pole	14AWG-2/0AWG; Qty 1/pole
POXA100...SE	130lbs	42"Tx24"Tx10"D	14AWG-1/0AWG; Qty 1/pole	4AWG-300MCM; Qty 1/pole	6AWG-300MCM; Qty 1/pole
POXA200...SE	135lbs		4AWG-300MCM; Qty 1/pole	4AWG-300MCM; Qty 1/pole	6AWG-300MCM; Qty 1/pole
POXA260...SE	210lbs	48"Tx36"Tx16"D	4AWG-300MCM; Qty 1/pole	4AWG-600MCM; Qty 1/pole	4AWG-600MCM; Qty 1/pole
POXA400...SE	220lbs		2/0AWG-500MCM; Qty 2/pole	4AWG-600MCM; Qty 1/pole	4AWG-600MCM; Qty 1/pole
POXA600...SE	300lbs	60"Tx36"Tx16"D	2/0AWG-500MCM; Qty 2/pole	2AWG-600MCM; Qty 2/pole	2AWG-600MCM; Qty 2/pole
POXA800...SE	400lbs		2/0AWG-400MCM; Qty 3/pole	2AWG-600MCM; Qty 4/pole	2AWG-600MCM; Qty 4/pole
POXA1000...SE	400lbs	72"Tx36"Tx16"D	4/0AWG-500MCM; Qty 4/pole	2AWG-600MCM; Qty 4/pole	2AWG-600MCM; Qty 4/pole
POXA1200...SE	400lbs		4/0AWG-500MCM; Qty 4/pole	2AWG-600MCM; Qty 4/pole	2AWG-600MCM; Qty 4/pole

METER-RITE® SOURCE ISOLATION SWITCH

Why Meter-Rite? Pair the Meter-Rite Source Isolation Switch with Powertron equipment to separate and secure the source side while providing a reliable path for transfer, testing, and temporary generation. This combination improves safety, simplifies inspections, and aligns with modern design practices for storage and backup power.

PRODUCT OVERVIEW

The Meter-Rite Source Isolation Switch is RONK's next step into renewable energy solutions, designed to provide a reliable and compliant method of isolating a power source from a Battery Energy Storage System (BESS). With support for both single phase and three phase configurations and a wide current range of 100A to 1200A, this switch offers the flexibility needed for residential, commercial, and utility-scale applications.

Built with safety at the forefront, the Source Isolation Switch integrates a UL489 Molded Case Circuit Breaker (MCCB) and carries UL508A certification, ensuring dependable protection and simplified approval across multiple installations. Its NEMA 4/12 outdoor-rated enclosure provides rugged durability in demanding environments, while full G99/1 and G98/1 compliance supports seamless integration with international renewable energy standards.

Engineered for Battery Energy Storage Systems, renewable energy projects, microgrids, and utility interconnections, the Meter-Rite Source Isolation Switch provides the positive isolation required to ensure safe maintenance, reliable grid compatibility, and long-term system performance. Backed by more than 75 years of proven RONK reliability, it represents a powerful and trusted solution for today's evolving energy landscape.

FEATURES AND BENEFITS

- Wide Current Range (100A-1200A):** Flexible enough to serve residential, commercial, and industrial energy storage applications.
- Single Phase & Three Phase Support:** Ensures compatibility across a broad range of installation environments.
- UL508A & UL489 MCCB Listed:** Built to meet stringent U.S. safety standards.
- G99/1 & G98/1 Compliance:** Grid-ready for international renewable energy installations.
- NEMA 4/12 Outdoor Rated:** Designed for durability and weather resistance in outdoor applications.
- Positive Isolation for BESS Applications:** Provides safe, reliable separation between the grid and battery energy storage systems.
- Compliance:** Meets NEC & IEC isolation requirements.

PART NUMBER BUILDER

Family	-	Phase	-	Amperage	-	Voltage
SIS	-	1	-	100	-	240V
	-	3	-	200	-	480V*
	-		-	250	-	
	-		-	400	-	
	-		-	600	-	
	-		-	800	-	
	-		-	1000	-	
	-		-	1200	-	

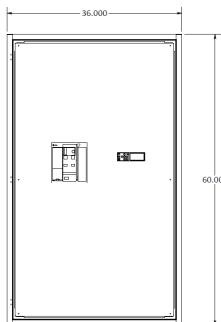
* Available in three phase only.

Example Part # SIS-1-200-240

= Source Isolation Switch, Single Phase, 200A, 240V

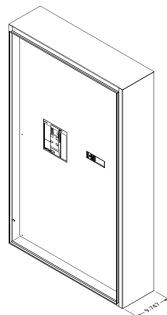
DIMENSIONS (FRONT VIEW)

(SHOWN WITHOUT DOOR)

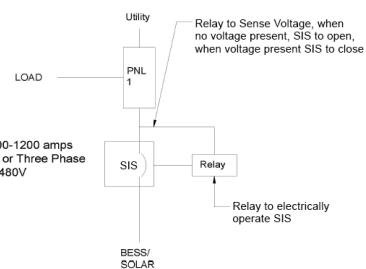


DIMENSIONS (SIDE VIEW)

(SHOWN WITHOUT DOOR)



SYSTEM DIAGRAM



TAP BOX MODEL OVERVIEW

The Contractor Series:

The Contractor Series Tap Box is the most basic and commonly used tap box design. It is readily available in standard configurations and engineered to meet a wide range of everyday applications. Available in various voltage and amperage configurations, these units provide the flexibility and reliability needed for a broad range of temporary and backup power requirements.

The Standard Series:

The Standard Series Tap Box offers the flexibility to meet a wide range of project requirements. Built with a durable metallic enclosure, available in mild steel or stainless steel, each unit includes male or female camlock receptacles. As the most commonly used and fundamental tap box design, it is ideal for temporary power applications or for load banking a permanent generator. The Powertron Standard Series Tap Box is often paired with breaker panels, transfer switches, and switchgear, providing a dependable connection point for temporary or backup power solutions.

The Breaker Series:

The Breaker Series Tap Box combines the features of a Standard Series Tap Box with the added protection of an integrated circuit breaker. This design is ideal for applications where a breaker or switching device is not directly connected downstream. Facilities such as hospitals, data centers, and large water or wastewater treatment plants often choose this series for its enhanced redundancy and improved safety. By incorporating a breaker within the tap box, this system provides a safer and more efficient process during both operation and maintenance.

The MTS Series:

The MTS Series Tap Box combines the functionality of a Standard Series Tap Box with an integrated manual transfer switch. This design eliminates the need for a separate double-throw transfer switch and a secondary tap box mounted alongside it, combining two products into one to save time, space, and installation costs. Built with a durable metallic enclosure (available in mild steel or stainless steel) for NEMA 3R applications, the unit includes either male or female camlock receptacles. The MTS Series Tap Box is commonly used for temporary power connections or for load banking a permanent generator, providing a streamlined and reliable power transfer solution. In addition, the MTS Series design helps facilitate compliance with NEC 700.3(F), which requires provisions for temporary source connection during maintenance or service of emergency systems, enhancing both safety and code compliance.

The ATS Series:

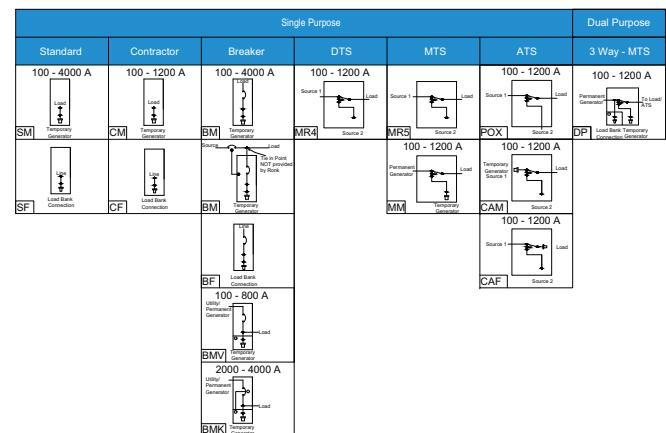
The ATS Series Tap Box combines the functionality of a Standard Series Tap Box with an integrated automatic transfer switch. This design eliminates the need for a separate automatic transfer switch and an additional tap box mounted alongside it, combining two products into one to save time, space, and installation costs. Built with a durable metallic enclosure (available in mild steel or stainless

steel) for NEMA 3R applications, the unit includes either male or female camlock receptacles. The ATS Series Tap Box is commonly used for temporary power connections, providing a streamlined, automated, and reliable power transfer solution.

The Dual-Purpose MTS Series:

The Powertron Dual-Purpose MTS Series Tap Boxes are engineered to deliver seamless power switching and load bank testing in a single, efficient solution. Designed to meet NEC 700.3(F) compliance requirements, these Manual Transfer Switch (MTS) tap boxes enable facilities to quickly and safely switch between utility power and backup generators, while also supporting load bank testing without service interruption. Purpose built for commercial, industrial, and municipal applications, the Dual-Purpose MTS Series provides a cost effective, space saving alternative to traditional systems that require separate transfer switches and tap boxes. Each unit features integrated camlock connections, ensuring a secure, efficient interface for both temporary generators and load banks during routine maintenance and testing.

TAP BOX / DOCKING STATION 1-LINES



TAP BOX LINEUP

CONTRACTOR SERIES

Features:



- Male or female series 16 camlocks.
- UL listed NEMA 3R enclosure.
- Wall mounted.
- Tin plated copper bus bar for incoming utility power connection.
- Completed assembly safety agency approved.
- cULus listed 1008 / Control #47HY / Product ID: Enclosed Power Inlet.
- cULus listed 1773 / Control #XCKT / Product ID: Enclosed Power Outlet.

Available Configurations:

100A, 200A, 400A, 600A, 800A, 1200A

STANDARD SERIES

Features:



- Male or female series 16 camlocks.
- UL listed NEMA 3R enclosure.
- 100-800A wall mounted, 1200-4000A pad mounted.
- Trapped cable door prevents cable disconnection by unauthorized personnel.
- Tin plated copper bus bar for incoming utility power connection.
- Completed assembly safety agency approved.
- cULus listed 1008 / Control #47HY / Product ID: Enclosed Power Inlet.
- cULus listed 1773 / Control #XCKT / Product ID: Enclosed Power Outlet.

Available Configurations:

100A, 200A, 400A, 600A, 800A, 1200A, 1600A, 2000A, 2400A, 2800A, 3200A, 3600A, 4000A

BREAKER SERIES

Features:



- Thermal magnetic breaker standard (electronic available).
- Male or female series 16 camlocks.
- UL listed NEMA 3R enclosure.
- 100-800A wall mounted, 1200-4000A pad mounted.
- Trapped cable door prevents cable disconnection by unauthorized personnel.
- Completed assembly safety agency approved.
- cULus listed 1008 / Control # 47HY / Product ID: Enclosed Power Inlet.
- cULus listed 891 / Control #WEVZ / Product ID: Enclosed Power Outlet.

Available Configurations:

100A, 200A, 400A, 600A, 800A, 1200A, 1600A, 2000A, 2400A, 2800A, 3000A, 3200A, 3600A, 4000A

MTS SERIES

Features:



- Male or female series 16 camlocks.
- UL listed NEMA 3R enclosure.
- 100-400A wall mounted, 600-1200A pad mounted.
- Trapped cable door prevents cable disconnection by unauthorized personnel.
- Completed assembly safety agency approved.
- cULus listed 1008 / Control # 47HY / Product ID: Enclosed Power Inlet.
- NEC 700.3(f) compliant.

Available Configurations:

100A, 200A, 400A, 600A, 800A, 1200A

ATS SERIES - GENERATOR TAP BOX ATS

Features:



- Male or female series 16 camlocks.
- UL listed NEMA 3R enclosure.
- 60-400A wall mounted, 600-1200A pad mounted.
- Trapped cable door prevents cable disconnection by unauthorized personnel.
- cULus listed 1008 transfer switch.

Available Configurations:

60A, 100A, 200A, 260A, 400A, 600A, 800A, 1000A, 1200A

DUAL-PURPOSE MTS SERIES

Features:



- UL listed NEMA 3R enclosure.
- 100-400A wall mounted, 600-1200A pad mounted.
- Trapped cable door prevents cable disconnection by unauthorized personnel.
- Male series 16 camlocks for ease of temporary generator hook up.
- Female series 16 camlocks Interlocked with a Panduit Absence of Voltage detector.
- Standard load dump receptacle (NEMA L1-R15).
- Auto start terminals with auto start destination switch.
- Completed assembly safety agency approved.
- cULus listed 1008 / Control # WPVQ / Product ID: Enclosed Power Inlet.
- NEC 700.3(f) compliant.

Available Configurations:

100A, 200A, 400A, 600A, 800A, 1200A

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TAP BOX ENCLOSURES



SMALL WALL

Dimensions:
Height: 27.5"
Width: 24"
Depth: 19"



LARGE WALL

Dimensions:
Height: 42"
Width: 32"
Depth: 20"



SMALL PAD

Dimensions:
Height: 63.5"
Width: 35"
Depth: 35"

MEDIUM PAD



Dimensions:
Height: 76"
Width: 37"
Depth: 35"

LARGE PAD



Dimensions:
Height: 74"
Width: 48"
Depth: 48"

CONTRACTOR WALL
100-800A



Dimensions:
Height: 30"
Width: 24"
Depth: 12"



CONTRACTOR WALL
1200A

Dimensions:
Height: 48"
Width: 36"
Depth: 16"



~All Enclosures available in mild steel or stainless steel.

TAP BOX ACCESSORIES



PHASE ROTATION MONITOR KIT

SENS19020

The Phase Rotation monitor actively tracks power status, identifying availability, interruptions, incorrect phase sequencing, and phase failures. It communicates these conditions to users through LED indicators, ensuring real-time awareness for swift responses to any situation.



VERISAFE™ ABSENCE OF VOLTAGE TESTER

TBQCVSASM

Absence of Voltage Tester reduces risk by confirming the absence of voltage prior to equipment access. This streamlines the process for workers to ensure an electrically safe work environment is established in significantly less time compared to using handheld portable test instruments.



PILOT LIGHT INDICATION FOR SOURCE AVAILABILITY - MTS ONLY

TBQCMILASM

Easily confirm your power source availability directly at the tap box with visual cues. Decide on your power source effortlessly at the switch, aided by the Source indicating light specifically designed for your MTS series tap box.



PILOT LIGHT INDICATION FOR VOLTAGE PRESENT

TBQCSILASM

Ensure voltage is present with a straight forward Pilot Light indicator panel designed for your Breaker series, Standard series, and MTS series tap box.

STOP/START W/GFCI
STOP/START ONLY

TBQC20035

TBQC20083

In adverse weather or during load bank testing, the Start/Stop terminals empower your mobile generator to stand by, ready to automatically restore power to your facility when paired with an Automation Transfer Switch. The GFCI receptacle ensures safe power delivery to a generator block heater and battery charger, facilitating smooth operation in cold weather conditions.



TWIST LOCK RECEPTACLES

30 AMP - TBQC20081

50 AMP - TBQC20082

Inside the enclosure, a 30 or 50 amp twist receptacle is wired to terminal block, securely mounted on the accessory panel for convenient connection.

- 30 Amp 3P-4W 250 V
- 50 Amp 2P-3W 250 V

DIRIS A-20 FOR POWER QUALITY,
MONITORING AND METERING

SENS19023

Performance metering

- Factory integrated into our standard products, tailored to your project needs
- Customizable user with all of the measurements needed to complete energy efficient projects successfully and to provide assured monitoring of electrical Compliance with standards distribution
- All of this information can be used and analyzed remotely with the help of energy efficiency software programs.
- User-friendly operation
- Large backlit multiple-display screen with 4 hot keys, the DIRIS A-20 is easy to use.
- Compliant with IEC 61557-12

Contact RONK ELECTRICAL sales team with your project specifications

FACTORY-INSTALLED AUXILIARY
CONTACTS FOR REMOTE ON/OFF
SIGNALING AND ELECTRICAL
INTERLOCKING - MTS ONLY

100-400 AMP - TBQC20084

600-1200 AMP - TBQC20085

This system includes factory-installed auxiliary contacts configured for remote ON/OFF signaling and electrical interlocking. The contacts are set up as normally open (NO) and normally closed (NC) in positions 1 and 2, rated for 1A 125VAC. They are pre-wired to a terminal block for easy compliance with section 700.3(f).

POWERTRON TAP BOXES
MECHANICAL LUG KIT

TBQC20019

Wire Range: 250 MCM - #6 AWG
Lugs per Kit: 5
Mounting Hardware: Included

TAP BOX ACCESSORIES



L-SHAPED SOLDERLESS CONNECTORS

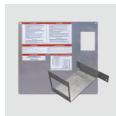
TBQC20012

Wire Range:

- 500 AWG - 4 AWG
- (2) 250 - 1/0 AWG Copper

Lugs per Kit: 5

Mounting Hardware: Included

ACCESSORY PLATE MOUNTING KIT
- CONTRACTOR SERIES ONLY

100-800A - TBQC20086

1200A - TBQC20086

Mounting Kit to allow for one accessory plate (Sold Separately) to be installed in each Contractor Series

BLANK ACCESSORY PLATES

TBQP5X4BLNKG

If you would like to mount your own accessories, blank mounting plates are available.

Additional Accessories may be available based upon customer requirements.
Please contact us with special requests.



KIRK® KEY MOUNTING KIT

TBQC20043

Powertron KIRK® Key Interlocking Door Kit enables seamless interlocking of the tap box with the building's electrical system. This interlocking feature ensures enhanced safety protocols during the operation and maintenance of the building's electrical system and portable generator (KIRK Key Sold Separately).



PAD LOCKABLE

For main or trap door access

ENCL7013

KEY LOCKABLE
HANDLE

For main or trap door access

ENCL7017

CAMLOCK SNAP
COVER

Camlock Snap Covers offer extra safeguarding for camlock receptacles (Factory Mounted)

ELC05137WS

WALL MOUNT
ENCLOSURE KEY

Used on Wall Mount Enclosures

TBQC20088

PAD MOUNT
ENCLOSURE KEY

Hexagon female SW 8 with
Center Pin Enclosure Key

TBQC20089

TECHNICAL SPECIFICATIONS



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CONTRACTOR SERIES

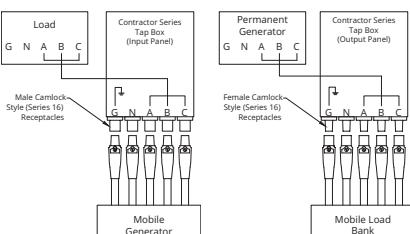
UL LISTED, DOCKING STATION 100 – 800 AMP TECHNICAL SPECIFICATIONS

Part Number	Rating	SCCR Rating	Technical Data	Enclosure Option	Dimensions
TBQCC(X)01-AWMS(XXX)	35 kA RMS 600 VAC Max	100 200 300 400 600 800	3 Phase, 5 Wire, 208Y/120 VAC, 240/120 VAC, 480Y/277 VAC, or 600/347 VAC	Wall mount, mild steel or stainless steel	30'H x 24"W x 12"D
TBQCC(X)01-AWSS(XXX)					
TBQCC(X)02-AWMS(XXX)					
TBQCC(X)02-AWSS(XXX)					
TBQCC(X)04-AWMS(XXX)					
TBQCC(X)04-AWSS(XXX)					
TBQCC(X)06-AWMS(XXX)					
TBQCC(X)06-AWSS(XXX)					
TBQCC(X)08-AWMS(XXX)					
TBQCC(X)08-AWSS(XXX)					

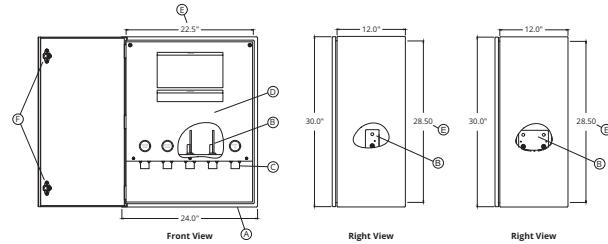
(X) = male (M) or female (F) camlocks; ex : TBQCCM01

(XXX) = voltage being used; ex: AWMS480

- UL Listed NEMA 3R Enclosure
- Tin plated copper bus bar for incoming utility power connection
- Completed assembly safety agency approved
- cULus Listed 1008
- Control # 47HY
- Product ID: Enclosed Power Inlet
- cULus Listed 1773
- Control #XCKT
- Product ID: Enclosed Power Outlet



DIMENSIONS OF CONTRACTOR SERIES 100 – 800 AMP



ENCLOSURE SPECIFICATIONS

Type	Height	Width	Depth	Material	Color/Finish
NEMA 3R	30"	24"	12"	Mild Steel	ANSI 61 Gray
				Stainless Steel	Clear Brushed Finish

Standard Components					
A	No Door; Access To Internal Unit Through Bottom Of Enclosure				
B	(5X) Copper Bus Bar, Tin Plated Mounting Holes 0.50" Dia.				
C	Series 16, 400 Amp, 600 VAC, Single Pole Camlock Receptacle				
D	Removable Panel Cover				
E	Mounting Hole Pattern = (4X) 0.50" dia. (22.5" x 28.5")				
F	Quarter Turn Twist Lock Handle (Non-Locking)				

ORDERING INFORMATION

Series	Camlock Type	Amperage	Enclosure Option	Voltage
TBQCC Contractor	M Male	01 100A	AWMS Wall Mount Mild Steel	208 208Y/120V
	F Female	02 200A		240 240Y/120V
		04 400A		480 480Y/277V
		06 600A		600 600Y/347V
		08 800A		

Voltage	Ground	Neutral	L1	L2	L3	# of Rows (100-400A)	# of Rows (600-800A)
208Y/120						x1	x2
240/120						x1	x2
480Y/277						x1	x2
600/347						x1	x2

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CONTRACTOR SERIES

UL LISTED, DOCKING STATION 1200 AMP

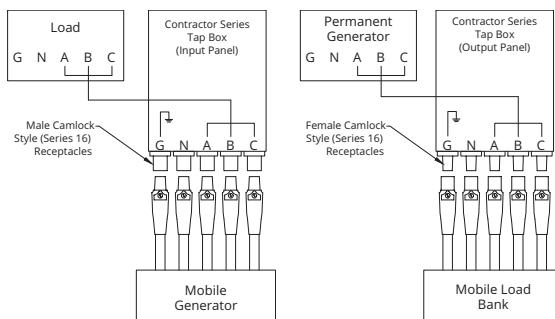
Part Number	Rating	SCCR Rating	Technical Data	Enclosure Option	Dimensions
TBQCC(X)12-BWMS(XXX)	1200	35 kA RMS 600 VAC Max	3 Phase, 5 Wire, 208Y/120 VAC, 240/120 VAC, 480Y/277 VAC, or 600/347 VAC	Wall mount, mild steel or stainless steel	48'H x 36'W x 16'D
TBQCC(X)12-BWSS(XXX)					

(X) = male (M) or female (F) camlocks; ex: TBQCCM12

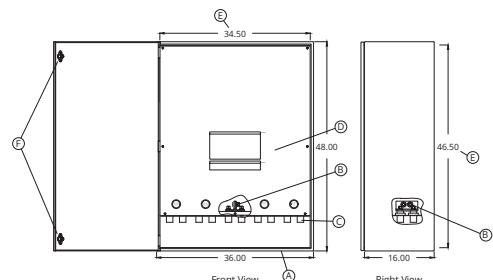
(XXX) = voltage being used; ex: BWMS480

- UL Listed NEMA 3R Enclosure
- Tin plated copper bus bar for incoming utility power connection
- Completed assembly safety agency approved
- cULus Listed 1008 / Control # 47H / Product ID: Enclosed Power Inlet
- cULus Listed 1773 / Control #XCKT / Product ID: Enclosed Power Outlet

TYPICAL ONE LINE DIAGRAM (INPUT & OUTPUT PANELS)



DIMENSIONS OF CONTRACTOR SERIES 1200 AMP



ENCLOSURE SPECIFICATIONS

Type	Height	Width	Depth	Material	Color/Finish
NEMA 3R	48"	36"	16"	Mild Steel	ANSI 61 Gray
				Stainless Steel	Clear Brushed Finish

Standard Components	
A	No Door; Access To Internal Unit Through Bottom Of Enclosure
B	(5X) Copper Bus Bar, Tin Plated Mounting Holes 0.50" Dia.
C	Series 10, 400 Amp, 600 VAC, Single Pole Camlock Receptacle
D	Removable Panel Cover
E	Mounting Hole Pattern – (4X) 0.50" dia. (34.5" x 46.5")
F	Quarter Turn Twist Lock Handle (Non-Locking)

ORDERING INFORMATION

Series	Camlock Type	Amperage	Enclosure Option	Voltage
TBQCC	Contractor	M Male	1200A	208 208Y/120V
		F Female		240 240/120V
			BWMS	480 480Y/277V
			BWSS	600 600Y/347V

Voltage	Ground	Neutral	L1	L2	L3	# of Rows
208Y/120						x3
240/120						x3
480Y/277						x3
600/347						x3

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STANDARD SERIES

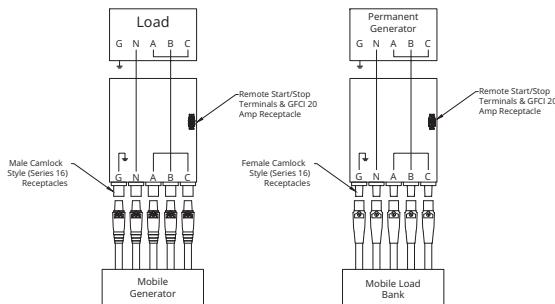
STANDARD SERIES, UL LISTED, DOCKING STATION 100 – 400 AMP

Part Number	Rating	SCCR Rating	Technical Data	Enclosure Option	Dimensions
TBQCS(X)01-SWMS(XXX)	100				
TBQCS(X)01-SW5S(XXX)	200	22 kA RMS 600 VAC Max	3 Phase, 5 Wire, 208Y/120 VAC, 240/120 VAC, 480Y/277 VAC, or 600/347 VAC	Wall mount, mild steel or stainless steel	27.3" H x 24" W x 18.8" D
TBQCS(X)02-SWMS(XXX)	400				
TBQCS(X)02-SW5S(XXX)					
TBQCS(X)04-SWMS(XXX)					
TBQCS(X)04-SW5S(XXX)					

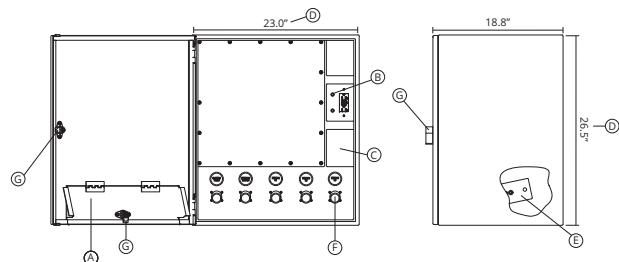
- UL Listed NEMA 3R Enclosure
- Trapped cable door prevents cable disconnection by unauthorized personnel
- Tin plated copper bus bar for incoming utility power connection
- Completed assembly safety agency approved
 - cULus Listed 1008 / Control # 47H/Y / Product ID: Enclosed Power Inlet
 - cULus Listed 1773 / Control #CKT / Product ID: Enclosed Power Outlet

(X) = male (M) or female (F) camlocks; ex: TBQCSM01
(XXX) = voltage being used; ex: SWMS480

TYPICAL ONE LINE DIAGRAM (INPUT AND OUTPUT PANELS)



DIMENSIONS OF STANDARD SERIES 100-400 AMP



ENCLOSURE SPECIFICATIONS

Type	Height	Width	Depth	Material	Color/Finish
NEMA 3R	27.3"	24"	18.8"	Mild Steel	ANSI 61 Gray
				Stainless Steel	Clear Brushed Finish

ORDERING INFORMATION

Series	Camlock Type	Amperage	Enclosure Option		Voltage
			Small Wall Mount Mild Steel	Small Wall Mount Stainless Steel	
TBQCS	Standard	M	01	100A	208 208Y/120V
		F	02	200A	240 240/120V
			04	400A	480 480Y/277V 600 600Y/347V

Standard Components
A Trapped Cable Door
B Remote Start/Stop Terminals & GFCI 20 Amp Receptacle
C Additional Accessory Mounting
D Mounting Hole Pattern - (400 0.50" dia. (23.0" x 26.5")
E (5X) Copper Bus Bar, Tin Plated, (1) mounting hole 0.50" dia.
F Series 16, 400 Amp, 600 VAC, Single Pole Camlock Receptacle
G Key Lock Handle

Voltage	Ground	Neutral	L1	L2	L3	# of Rows
208Y/120						x1
240/120						x1
480Y/277						x1
600/347V						x1

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STANDARD SERIES

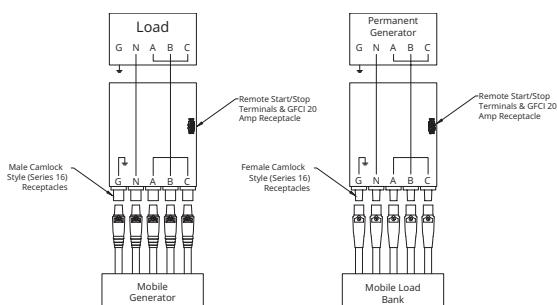
STANDARD SERIES, UL LISTED, DOCKING STATION 600 – 800 AMP

Part Number	Rating	SCCR Rating	Technical Data	Enclosure Option	Dimensions
TBQCS0006-LWMS(XXX)	600				
TBQCS0006-LWSS(XXX)		22 kA RMS 600 VAC Max	3 Phase, 5 Wire, 208Y/120 VAC, 240/120 VAC, 480Y/277 VAC, or 600/347 VAC		
TBQCS0008-LWMS(XXX)	800			Wall mount, mild steel or stainless steel	41.8'H x 32"W x 19.8"D
TBQCS0008-LWSS(XXX)					

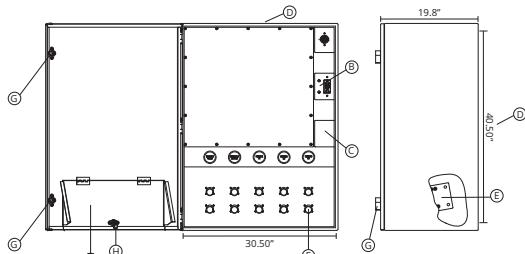
- UL Listed NEMA 3R Enclosure
- Trapped cable door prevents cable disconnection by unauthorized personnel
- Tin plated copper bus bar for incoming utility power connection
- Completed assembly safety agency approved
- cULus Listed 1008 / Control # 47HY / Product ID: Enclosed Power Inlet
- cULus Listed 1773 / Control #WCKT / Product ID: Enclosed Power Outlet

(X) = male (M) or female (F) camlocks; ex: TBQCSM06
(XXX) = voltage being used; ex: LWMS480

TYPICAL ONE LINE DIAGRAM (INPUT AND OUTPUT PANELS)



DIMENSIONS OF STANDARD SERIES 600-800 AMP



ENCLOSURE SPECIFICATIONS

Type	Height	Width	Depth	Material	Color/Finish
NEMA 3R	41.8"	32"	19.8"	Mild Steel	ANSI 61 Gray
				Stainless Steel	Clear Brushed Finish

ORDERING INFORMATION

Series	Camlock Type	Amperage	Enclosure Option	Voltage
TBQCS	M	600	600A	208 208Y/120V
	F	800	800A	240/120V
			Large Wall Mount Mild Steel	480 480Y/277V
			Large Wall Mount Stainless Steel	600 600Y/347V

Standard Components
A Trapped Cable Door
B Remote Start/Stop Terminals & GFCI 20 Amp Receptacle
C Additional Accessory Mounting
D Mounting Hole Pattern - (40) 0.50" dia. (30.50" x 40.50")
E (5X) Copper Bus Bar, Tin Plated, (2) mounting hole 0.50" dia.
F Series 16, 400 Amp, 600 VAC, Single Pole Camlock Receptacle
G Key Lock Handle (X2)
H Quarter Turn Twist Lock Handle (Non-Locking)

Voltage	Ground	Neutral	L1	L2	L3	# of Rows
208Y/120						x2
240/120						x2
480Y/277						x2
600Y/347						x2

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STANDARD SERIES

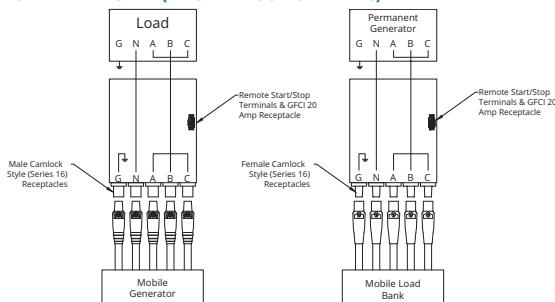
STANDARD SERIES, UL LISTED, DOCKING STATION 1200 - 2000 AMP

Part Number	Rating	SCCR Rating	Technical Data	Enclosure Option	Dimensions
TBQCS(X)12-SPMS(XXX)					
TBQCS(X)12-SPSS(XXX)	1200				
TBQCS(X)16-SPMS(XXX)		50 kA RMS 600 VAC Max	3 Phase, 5 Wire, 208Y/120 VAC, 240/120 VAC, 480Y/277 VAC, or 600/347 VAC	Pad mount, mild steel or stainless steel	60"H x 35"W x 35"D
TBQCS(X)16-SPSS(XXX)	1600				
TBQCS(X)20-SPMS(XXX)					
TBQCS(X)20-SPSS(XXX)	2000				

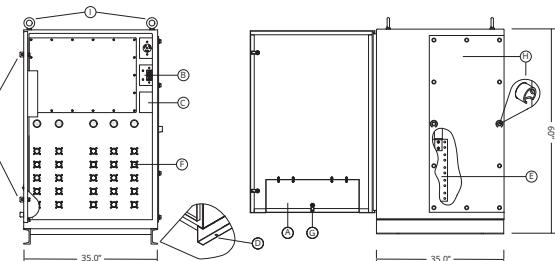
- UL Listed NEMA 3R Enclosure
- Trapped cable door prevents cable disconnection by unauthorized personnel
- Tin plated copper bus bar for incoming utility power connection
- Completed assembly safety agency approved
 - cULus Listed 1008 / Control # 47H/Y / Product ID: Enclosed Power Inlet
 - cULus Listed 1773 / Control #XCKT / Product ID: Enclosed Power Outlet

(X) = male (M) or female (F) camlocks; ex: TBQCSM12
(XXX) = voltage being used; ex: SPMS480

TYPICAL ONE LINE DIAGRAM (INPUT AND OUTPUT PANELS)



DIMENSIONS OF STANDARD SERIES 1200-2000 AMP



ENCLOSURE SPECIFICATIONS

Type	Height	Width	Depth	Material	Color/Finish
NEMA 3R	60"	35"	35"	Mild Steel	ANSI 61 Gray
				Stainless Steel	Clear Brushed Finish

ORDERING INFORMATION

Series	Camlock Type	Amperage	Enclosure Option	Voltage
TBQCS	Male	12	SPMS	208 208Y/120V
	Female	16	SPSS	240 240/120V
		20		480 480Y/277V
				600 600Y/347V

Standard Components
A Trapped Cable Door
B Remote Start/Stop Terminals & GFCI 20 Amp Receptacle
C Additional Accessory Mounting
D Pad Mounting Layout Estimated Opening - 0.50" dia. 34.07" X 23.75"
E (5X) Copper Bus Bar, Tin Plated, (10X) Mounting Holes 0.50" Dia.
F Series 16, 400 Amp, 600 VAC, Single Pole Camlock Receptacle
G Pad Lockable Handle (3X) Hexagon SWS with Pin
H Utility Side Door Secured with Penta Bolts & (2X) Pad Lock Provisions
I Eye Lifting Hooks

Voltage	Ground	Neutral	L1	L2	L3	# of Rows (1200A)	# of Rows (1600A)	# of Rows (2000A)
208Y/120	●	●	●	●	●	x3	x4	x5
240/120	●	●	●	●	●	x3	x4	x5
480Y/277	●	●	●	●	●	x3	x4	x5
600/347	●	●	●	●	●	x3	x4	x5

RONK ELECTRICAL INDUSTRIES

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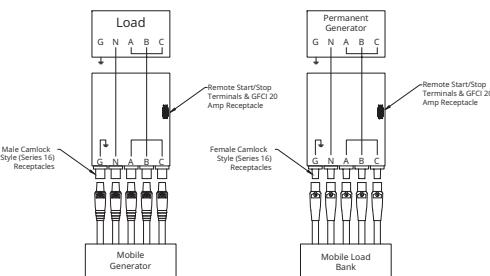
STANDARD SERIES

STANDARD SERIES, UL LISTED, DOCKING STATION 2400 - 4000 AMP

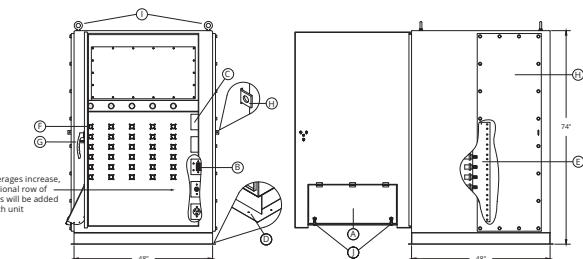
Part Number	Rating	SCCR Rating	Technical Data	Enclosure Option	Dimensions
TBQCS(X)24-LPMS(XXX)	2400				
TBQCS(X)24-LPSS(XXX)					
TBQCS(X)28-LPMS(XXX)	2800				
TBQCS(X)28-LPSS(XXX)					
TBQCS(X)32-LPMS(XXX)	3200	100 kA RMS 600 VAC Max	3 Phase, 5 Wire, 208Y/120 VAC, 240Y/120 VAC, 480Y/277 VAC, or 600/347 VAC	Pad mount, mild steel or stainless steel	74" H x 48" W x 48" D
TBQCS(X)32-LPSS(XXX)					
TBQCS(X)36-LPMS(XXX)	3600				
TBQCS(X)36-LPSS(XXX)					
TBQCS(X)40-LPMS(XXX)	4000				
TBQCS(X)40-LPSS(XXX)					

- UL Listed NEMA 3R Enclosure
- Trapped cable door prevents cable disconnection by unauthorized personnel
- Tin plated copper bus for incoming utility power connection
- Completed assembly safety agency approved
- cULus Listed 1008 / Control # 47KX / Product ID: Enclosed Power Inlet
- cULus Listed 1773 / Control #XCKT / Product ID: Enclosed Power Outlet

TYPICAL ONE LINE DIAGRAM (INPUT AND OUTPUT PANELS)



DIMENSIONS OF STANDARD SERIES 2400-4000 AMP (IN INCHES)



ENCLOSURE SPECIFICATIONS

Type	Height	Width	Depth	Material	Color/Finish
NEMA 3R	74"	48"	48"	Mild Steel	ANSI 61 Gray
				Stainless Steel	Clear Brushed Finish

Standard Components	
A	Trapped Cable Door
B	Remote Start/Stop Terminals & GFCI 20 Amp Receptacle
C	Additional Accessory Mounting
D	Pad Mount: Approx. Pad Dimensions (50" x 50")
E	(5X) Copper Bus Bar, Tin Plated, Mounting Holes 0.50" Dia.
F	Series 16, 400 Amp, 600 VAC, Single Pole Camlock Receptacle
G	Pad Lock Handle
H	(2X) Utility Side Door Secured with Penta Bolts & (2X) Pad Lock Provisions
I	Eye Lifting Hooks
J	(x2) Hexagon SWS Padlock Handle w/ Pin

ORDERING INFORMATION

Series	Camlock Type	Amperage	Enclosure Option	Voltage
TBQCS	Standard	24	LPMS	208 208Y/120V
		28	LPSS	240 240Y/120V
		32		480 480Y/277V
		36		600 600Y/347V
		40		

Voltage	Ground	Neutral	L1	L2	L3	# of Rows (2400A)	# of Rows (2800A)	# of Rows (3200A)	# of Rows (3600A)	# of Rows (4000A)
208/120	●	●	●	●	●	x6	x7	x8	x9	x10
240/120	●	●	●	●	●	x6	x7	x8	x9	x10
480Y/277	●	●	●	●	●	x6	x7	x8	x9	x10
600/347	●	●	●	●	●	x6	x7	x8	x9	x10

RONK ELECTRICAL INDUSTRIES

BREAKER SERIES

BREAKER SERIES, UL LISTED, DOCKING STATION 100 – 200 AMP

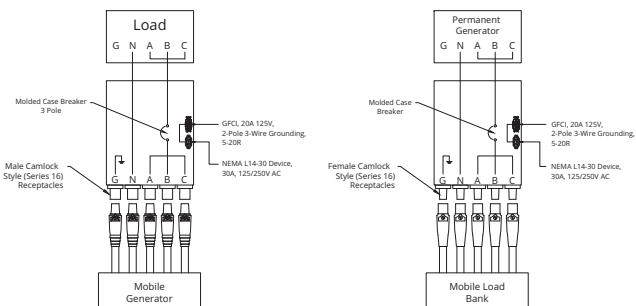
Part Number	Rating	SCCR Rating	Technical Data	Enclosure Option	Dimensions
TBQCB(X)01-SWMS(XXX)	100	18 kA RMS 600 VAC Max	3 Phase, 5 Wire, 208Y/120 VAC, 240/120 VAC, 480Y/277 VAC, or 600/347 VAC	Wall mount, mild steel or stainless steel	27.3" H x 24" W x 18.8" D
TBQCB(X)01-SW5S(XXX)	200				
TBQCB(X)02-SWMS(XXX)					
TBQCB(X)02-SWSS(XXX)					

(X) = male (M) or female (F) camlocks; ex : TBQCBM01

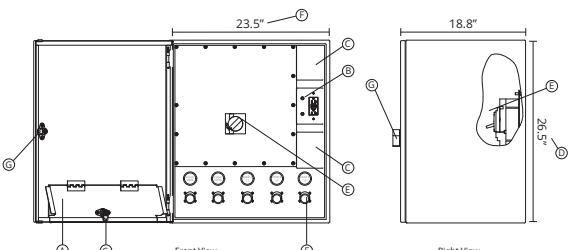
(XXX) = voltage being used; ex: SWMS480

- Thermal Magnetic Breaker Standard (Electronic Available)
- UL Listed NEMA 3R Enclosure
- Trapped cable door prevents cable disconnection by unauthorized personnel
- Completed assembly safety agency approved
 - cULus Listed 1008 / Control # 47HY / Product ID: Enclosed Power Inlet
 - cULus Listed 891 / Control #WEV2 / Product ID: Enclosed Power Outlet

TYPICAL ONE LINE DIAGRAM (INPUT AND OUTPUT PANELS)



DIMENSIONS OF BREAKER SERIES 100-200 AMP



ENCLOSURE SPECIFICATIONS

Type	Height	Width	Depth	Material	Color/Finish
NEMA 3R	27.3"	24"	18.8"	Mild Steel	ANSI 61 Gray
				Stainless Steel	Clear Brushed Finish

ORDERING INFORMATION

Series	Camlock Type	Amperage	Enclosure Option	Voltage
TBQCB	Breaker	01 100A	SWMS	208 208Y/120V
		02 200A	SWSS	240 240/120V
				480 480Y/277V
				600 600Y/347V

Standard Components
A Trapped Cable Door
B Remote Start/Stop Terminals
C Additional Accessory Mounting
D Mounting Hole Pattern - (400 0.50" dia. (23.5" x 26.5")
E Series 16, 400 Amp, 600 VAC, Single Pole Camlock Receptacle
F Molded Case Breaker
G Key Lock Handle

Voltage	Ground	Neutral	L1	L2	L3	# of Rows (100A)	# of Rows (200A)
208Y/120	●	●	●	●	●	x1	x1
240/120	●	●	●	●	●	x1	x1
480Y/277	●	●	●	●	●	x1	x1
600/347	●	●	●	●	●	x1	x1

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BREAKER SERIES

BREAKER SERIES, UL LISTED, DOCKING STATION 400 – 800 AMP

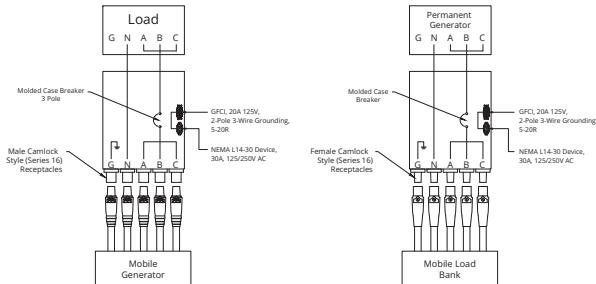
Part Number	Rating	SCCR Rating	Technical Data	Enclosure Option	Dimensions
TBQCB(X)004-LWMS(XXX)	400				
TBQCB(X)004-LW5(XXX)					
TBQCB(X)006-LWMS(XXX)	600				
TBQCB(X)006-LWSS(XXX)					
TBQCB(X)008-LWMS(XXX)	800				
TBQCB(X)008-LWSS(XXX)					

(X) = male (M) or female (F) camlocks; ex : TBQCBM04

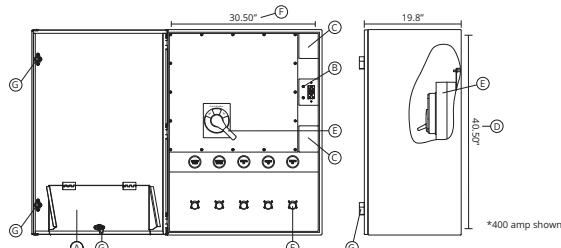
(XXX) = voltage being used; ex: LWMS480

- Thermal Magnetic Breaker Standard (Electronic Available)
- UL Listed NEMA 3R Enclosure
- Trapped cable door prevents cable disconnection by unauthorized personnel
- Completely assembly safety agency approved
- cULus Listed 1008 / Control # 47HY / Product ID: Enclosed Power Inlet
- cULus Listed 891 / Control #WEV2 / Product ID: Enclosed Power Outlet

TYPICAL ONE LINE DIAGRAM (INPUT AND OUTPUT PANELS)



DIMENSIONS OF BREAKER SERIES 400-800 AMP



ENCLOSURE SPECIFICATIONS

Type	Height	Width	Depth	Material	Color/Finish
NEMA 3R	41.8"	32"	19.8"	Mild Steel	ANSI 61 Gray
				Stainless Steel	Clear Brushed Finish

ORDERING INFORMATION

Series	Camlock Type	Amperage	Enclosure Option	Voltage
TBQCB	Breaker	Male	04	400A
		Female	06	600A
			08	800A
	LWMS		Large Wall Mount Mild Steel	208 208Y/120V
			Large Wall Mount Stainless Steel	240 240/120V
				480 480Y/277V
				600 600Y/347V

Standard Components						
A	Trapped Cable Door					
B	Remote Start/Stop Terminals					
C	Additional Accessory Mounting					
D	Mounting Hole Pattern - (400 0.50" dia. (30.50" x 40.50")					
E	Molded Case Breaker					
F	Series 16, 400 Amp, 600 VAC, Single Pole Camlock Receptacle					
G	Key Lock Handle (x2)					

Voltage	Ground	Neutral	L1	L2	L3	# of Rows (400A)	# of Rows (600-800A)
208Y/120						x1	x2
240/120						x1	x2
480Y/277						x1	x2
600/347						x1	x2

RONK ELECTRICAL INDUSTRIES

BREAKER SERIES

BREAKER SERIES, UL LISTED, DOCKING STATION 1200 – 2000 AMP

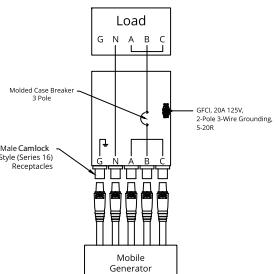
Part Number	Rating	SCCR Rating	Technical Data	Enclosure Option	Dimensions
TBQCB(X112-LPMS(XXX)) TBQCB(X112-LPSS(XXX))**	1200	100 kA RMS 600 VAC Max (See below*)	3 Phase, 5 Wire, 208Y/120 VAC, 240/120 VAC, 480Y/277 VAC, or 600/347 VAC	Pad mount, mild steel or stainless steel	74"H x 48"W x 48"D
TBQCB(X116-LPMS(XXX)) TBQCB(X116-LPSS(XXX))**	1600				
TBQCB(X200-LPMS(XXX)) TBQCB(X200-LPSS(XXX))**	2000				

- Electronic Trip Circuit Breaker (LSI, LSIG)
- UL Listed NEMA 3R Enclosure
- Trapped cable door prevents cable disconnection by unauthorized personnel
- Completed assembly safety agency approved
- cULus Listed 1008 / Control # 47HY / Product ID: Enclosed Power Inlet
- cULus Listed 891 / Control #WEV2 / Product ID: Enclosed Power Outlet

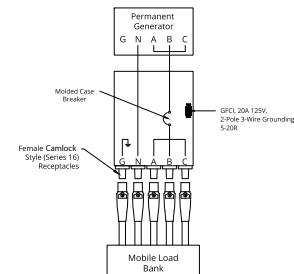
(XXX) = voltage being used; ex: LPMS480
(X) = M or F; ex: Male or Female Camlocks
* SCCR based on circuit breaker AIC, 65 and 100 kA available.
**LPSS (Stainless Steel) available for ordering as well

TYPICAL ONE LINE DIAGRAM

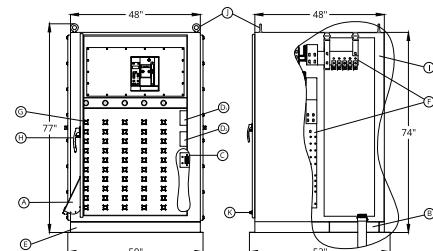
Male Camlocks - Input



Female Camlocks - Output



DIMENSIONS OF BREAKER SERIES 1200 - 2000 AMP



PART NUMBER BUILDER

Series	Camlock Type	Amperage	Enclosure Option	Voltage
TBQCB	Breaker	M Male	LPMS	Large Pad Mount Mild Steel
		F Female	LPSS	Large Pad Mount Stainless Steel
		12 1200A		208 208Y/120V
		16 1600A		240 240/120V
		20 2000A		480 480Y/277V
				600 600Y/347V

Standard Components

A	Trapped Cable Door
B	Bottom Conduit Access Point with Removable Panel
C	Remote Start/Stop Terminals & GFCI 20 Amp Receptacle
D1	30 Amp Twist Lock
D2	50 Amp Twist Lock
E	Large Pad Mount: Approx. Pad Dimensions (50W x 52D)
F	Plated Copper Bus Bar
G	Series 16, 400 Amp, 600 VAC, Single Pole Camlock Receptacle
H	Pad Lockable Handle
I	(2X) Utility Side Door Secured with Penta Bolts & (2X) Pad Lock Provisions
J	Eye Lifting Hooks
K	Pad Lockable Hex SWS w/Pin

ENCLOSURE SPECIFICATIONS

Type	Height	Width	Depth	Material	Color/Finish
NEMA 3R	74"	48"	48"	Mild Steel	ANSI 61 Gray
				Stainless Steel	Clear Brushed Finish
Voltage	Ground	Neutral	L1	L2	L3
208Y/120					
240/120					
480Y/277					
600Y/347					
					# of Rows Each
					x3 (1200A)
					x4 (1600A)
					x5 (2000A)

ADDITIONAL ACCESSORIES

RONK offers a wide range of tap box accessories designed for "field assembled" installation. Visit: www.ronkelectrical.com/products/accessories for more information.

BREAKER SERIES

BREAKER SERIES, UL LISTED, DOCKING STATION 2400 - 4000 AMP

Part Number	Rating	SCCR Rating	Technical Data	Enclosure Option	Dimensions
TBQCS(X)24-LPMS(XXX)	2400	100 kA RMS 600 VAC Max (See below*)	3 Phase, 5 Wire, 208Y/120 VAC, 240/120 VAC, 480Y/277 VAC, or 600/347 VAC	Pad mount, mild steel or stainless steel	74" H x 48" W x 48"D
TBQCS(X)28-LPMS(XXX)	2800				
TBQCS(X)30-LPMS(XXX)	3000				
TBQCS(X)32-LPMS(XXX)	3200				
TBQCS(X)36-LPMS(XXX)	3600				
TBQCS(X)40-LPMS(XXX)	4000				

- Electronic Trip Circuit Breaker (LSI, LSIG, LSIA)

- UL Listed NEMA 3R Enclosure

- Trapped cable door prevents cable disconnection by unauthorized personnel

- Completed assembly safety agency approved

- cULus Listed 1008 / Control #47H / Product ID: Enclosed Power Inlet

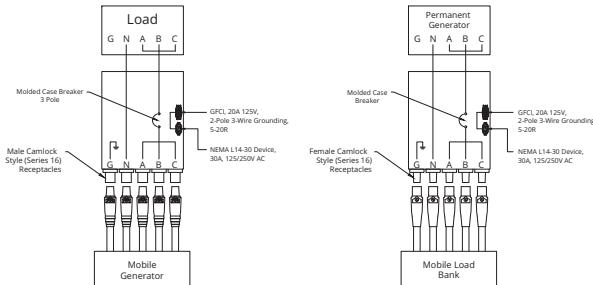
- cULus Listed 891 / Control #WEVZ / Product ID: Enclosed Power Outlet

(X) = male (M) or female (F) camlocks; ex: TBQCS24
(XXX) = voltage being used; ex: LPM5480

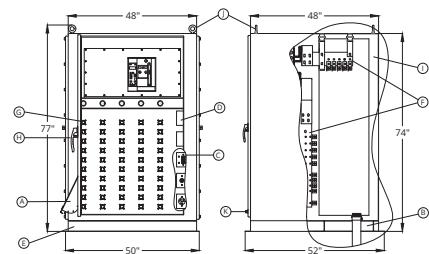
* SCCR based on circuit breaker AIC, 65 and 100 kA available.

**LPSS available for ordering as well

TYPICAL ONE LINE DIAGRAM (INPUT AND OUTPUT PANELS)



DIMENSIONS OF BREAKER SERIES 2400-4000 AMP



ENCLOSURE SPECIFICATIONS

Type	Height	Width	Depth	Material	Color/Finish
NEMA 3R	74"	48"	48"	Mild Steel	ANSI 61 Gray
				Stainless Steel	Clear Brushed Finish

ORDERING INFORMATION

Series	Camlock Type	Amperage	Enclosure Option	Voltage
TBQCB	Breaker	M	Male	24 2400A
		28	Male	208 208Y/120V
		30	Male	2800A
		32	Male	3000A
		35	Male	3200A
		36	Male	3600A
		40	Male	4000A
	LPSS	28	Male	240 240Y/120V
		30	Male	480 480Y/277V
		35	Male	600 600Y/347V

A	Trapped Cable Door
B	Bottom Conduit Access Point with Removable Panel
C	Remote Start/Stop Terminals & GFCI 20 Amp Receptacle
D	Cover Plate
E	Stainless Steel Pad Mount: Approx. Pad Dimensions (50" W x 50" D)
F	Plated Copper Bus Bar
G	Series 16, 400 Amp, 600 VAC, Single Pole Camlock Receptacle
H	Pad Lockable Handle
I	(2X) Utility Side Door Secured with Penta Bolts & (20) Pad Lock Provisions
J	Eye Lifting Hooks
K	Pad Lockable Hex SW w/Pin

Voltage	Ground	Neutral	L1	L2	L3	# of Rows
208Y/120						x6 (2400A)
240Y/120						x7 (2800A)
480Y/277						x8 (3000A)
600/347						x8 (3200A)
						x9 (3600A)
						x10 (4000A)

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MTS SERIES

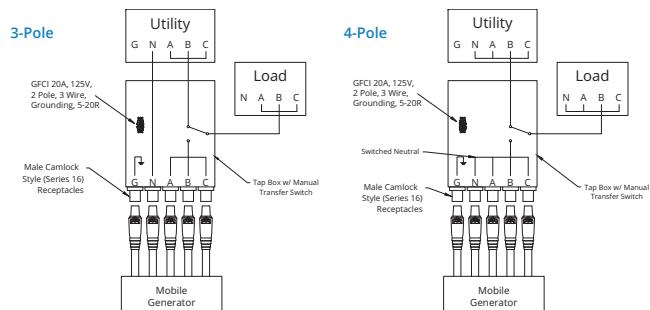
INTEGRATED MTS SERIES, UL LISTED, DOCKING STATION 100 – 400 AMP

Part Number	Rating	SCCR Rating	Technical Data	Enclosure Option	Dimensions
TBQCMMM01-LWMS(XXX)(-X)	100				
TBQCMMM01-LWSS(XXX)(-X)					
TBQCMMM02-LWMS(XXX)(-X)	200	22 kA RMS 600 VAC Max	3 Pole or 4 Pole, 5 Wire, 120/208 VAC, 120/240 VAC, 277/480 VAC, or 347/600 VAC	Wall mount, mild steel or stainless steel	41.8'H x 32"W x 19.8"D
TBQCMMM02-LWSS(XXX)(-X)					
TBQCMMM04-LWMS(XXX)(-X)	400				
TBQCMMM04-LWSS(XXX)(-X)					

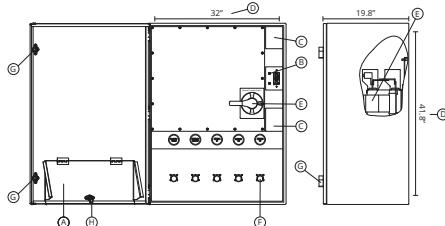
- UL Listed NEMA 3R Enclosure
- Trapped cable door prevents cable disconnection by unauthorized personnel
- Connects to MTS lug (see detail E on dimension drawing)
- Completed assembly safety agency approved
- UL Listed 100% Control # 47HY / Product ID: Enclosed Power Inlet

(XXX) = voltage being used; ex: LWMS480
(-X) = 3 or 4 pole; ex: LWMS480-3

TYPICAL ONE LINE DIAGRAM (INPUT PANELS)



DIMENSIONS OF INTEGRATED MTS SERIES 100-400 AMP



ORDERING INFORMATION

Series	Camlock Type	Amperage	Enclosure Option	Voltage	# of Switched Poles
TBQCM MTS	M	01	100A	208	208Y/120V
		02	200A	240	240Y/120V
		04	400A	480	480Y/277V
LWMS LWSS			Large Wall Mount Mild Steel	600	600Y/347V
			Large Wall Mount Stainless Steel		

ENCLOSURE SPECIFICATIONS

Type	Height	Width	Depth	Material	Color/Finish	Standard Components
NEMA 3R	41.8"	32"	19.8"	Mild Steel	ANSI 61 Gray	A Trapped Cable Door
				Stainless Steel	Clear Brushed Finish	B Remote Start/Stop Terminals
Voltage	Ground	Neutral	L1	L2	L3	C Additional Accessory Mounting
208Y/120						D Mounting Hole Pattern - (400) 0.50" dia. (30.50" x 40.50")
240/120						E Manual Transfer Switch
480Y/277						F Series 16, 400 Amp, 600 VAC, Single Pole Camlock Receptacle
600/347						G Key Lock Handle (x2)
						H Quarter Turn Twist Lock Handle (Non-Locking)

MTS SERIES

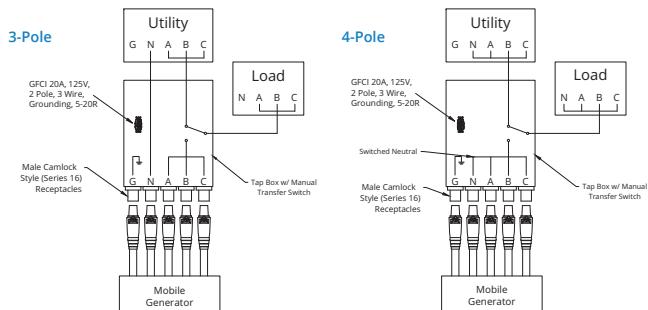
INTEGRATED MTS SERIES, UL LISTED, DOCKING STATION 600 – 1200 AMP

Part Number	Rating	SCCR Rating	Technical Data	Enclosure Option	Dimensions
TBQCM06-MPMS(XXX)(-X)	600				
TBQCM06-MPSS(XXX)(-X)		22 kA RMS 600 VAC Max			
TBQCM08-MPMS(XXX)(-X)	800				
TBQCM08-MPSS(XXX)(-X)		120/208 VAC, 120/240 VAC, 277/480 VAC, or 347/600 VAC		Pad mount, mild steel or stainless steel	71.8" H x 36.9" W x 34.9" D
TBQCM12-MPMS(XXX)(-X)	1200	50 kA RMS 600 VAC Max			
TBQCM12-MPSS(XXX)(-X)					

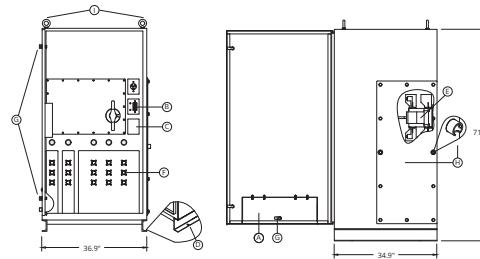
- UL Listed NEMA 3R Enclosure
- Trapped cable door prevents cable disconnection by unauthorized personnel
- Connects to MTS lug (see detail E on dimension drawing)
- Completed assembly safety agency approved
- cULus Listed 1008 / Control #47HV / Product ID: Enclosed Power Inlet

(XXX) = voltage being used; ex: MPMS480
(-X) = 3 or 4 pole; ex: MPMS480-3

TYPICAL ONE LINE DIAGRAM (INPUT PANELS)



DIMENSIONS OF INTEGRATED MTS SERIES 600-1200 AMP



ORDERING INFORMATION

Series	Camlock Type	Amperage	Enclosure Option	Voltage	# of Switched Poles
TBQCM	M	06	MPMS	208	3
		08	MPSS	240	4
		12		480	
				600	
				208Y/120V	3 pole
				240/120V	4 pole
				480Y/277V	
				600Y/347V	

ENCLOSURE SPECIFICATIONS

Type	Height	Width	Depth	Material	Color/Finish
NEMA 3R	71.8"	36.9"	34.9"	Mild Steel	ANSI 61 Gray
				Stainless Steel	Clear Brushed Finish

Voltage	Ground	Neutral	L1	L2	L3	# of Rows (600-800A)	# of Rows (1200A)
208Y/120	●	●	●	●	●	x2	x3
240/120	●	●	●	●	●	x2	x3
480Y/277	●	●	●	●	●	x2	x3
600/347	●	●	●	●	●	x2	x3

Standard Components	
A	Trapped Cable Door
B	Remote Start/Stop Terminals & GFCI 20 Amp Receptacle
C	Additional Accessory Mounting
D	Pad Mounting Layout Estimated Opening - 0.50" dia. - 36.07" W x 23.75" D
E	Manual Transfer Switch
F	Series 16, 400 Amp, 600 VAC, Single Pole Camlock Receptacle
G	Pad Lockable Handle Hex SWS w/Pin
H	Utility Side Door secured with Penta Bolts and (2x) Pad Lock Provisions
I	Eye Lifting Hooks

GENERATOR TAP BOX ATS SERIES



GENERATOR TAP BOX ATS SERIES

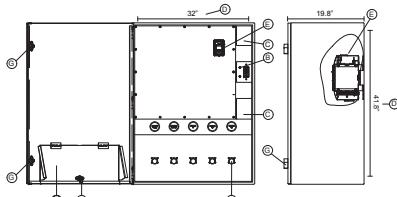
The POWERTRON Generator Tap Box ATS offer a versatile range of options for electrical distribution, accommodating current ratings from 60A to 1200A in both single phase and three phase configurations. Available in 2 (60A-600A), 3, and 4 pole setups, these tap boxes are equipped with a UL1008 rated open transition transfer switch, ensuring reliable and efficient switching between power sources. Ideal for critical applications, they provide seamless power management and enhanced safety features, making them suitable for a variety of industrial and commercial environments.

INTEGRATED ATS SERIES, GENERATOR, DOCKING STATION 60 – 400 AMP

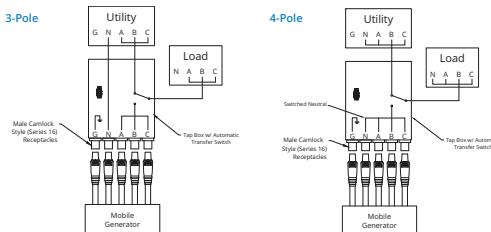
Part Number	Rating	Technical Data	Enclosure Option	Dimensions
TBQCAM006(X)-LWMS-(XXX)(X)	60A			
TBQCAM006(X)-LWSS-(XXX)(X)				
TBQCAM01(X)-LWMS-(XXX)(X)	100A			
TBQCAM01(X)-LWSS-(XXX)(X)				
TBQCAM02(X)-LWMS-(XXX)(X)	200A			
TBQCAM02(X)-LWSS-(XXX)(X)				
TBQCAM026(X)-LWMS-(XXX)(X)	260A			
TBQCAM026(X)-LWSS-(XXX)(X)				
TBQCAM04(X)-LWMS-(XXX)(X)	400A			
TBQCAM04(X)-LWSS-(XXX)(X)				

- Fully Welded UL Listed NEMA 3R Enclosure
- Trapped cable door prevents cable disconnection by unauthorized personnel
- cULus Listed 1008 Transfer Switch
- (X) = Select solid neutral, switched neutral, or none. ex: TBQCAM01S
- (XXX) = voltage being used; ex: LWMS-480
- (X) = number of switched poles; ex: LWMS-480-3

DIMENSIONS OF INTEGRATED ATS SERIES 60-400 AMP



TYPICAL ONE LINE DIAGRAM (INPUT PANELS)



PART NUMBER BUILDER

Series	Camlock Type	AMP	Neutral	Enclosure Option	Voltage	# of Switched Poles
TBQCA	M	006	60	N	None	
	F	01	100	X	Solid Neutral	2 pole
		02	200	S	Switched Neutral	3 pole
		026	260			4 pole
		04	400			

EXAMPLE PART NUMBER - TBQCAM04N-LWMS-208-3

ENCLOSURE SPECIFICATIONS

Type	Height	Width	Depth	Material	Color/Finish
NEMA 3R	41.8"	32"	19.8"	Mild Steel Stainless Steel	ANSI 61 Gray Clear Brushed Finish

Voltage	Ground	Neutral	L1	L2	L3	# of Rows
208Y/120						x1
240/120						x1
480Y/277						x1

Standard Components	
A	Trapped Cable Door
B	Remote Start/Stop Terminals
C	Additional Accessory Mounting
D	Mounting Hole Pattern - (4X) 0.50" dia. (30.50" x 40.50")
E	Automatic Transfer Switch
F	Series 16, 400 Amp, 600 VAC, Single Pole Camlock Receptacle
G	Key Lock Handle (x2)
H	Quarter Turn Twist Lock Handle (Non-Locking)

GENERATOR TAP BOX ATS SERIES

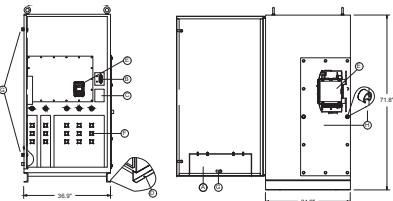
The POWERTRON Generator Tap Box ATS offer a versatile range of options for electrical distribution, accommodating current ratings from 60A to 1200A in both single phase and three phase configurations. Available in 2 (60A-600A), 3, and 4 pole setups, these tap boxes are equipped with a UL1008 rated open transition transfer switch, ensuring reliable and efficient switching between power sources. Ideal for critical applications, they provide seamless power management and enhanced safety features, making them suitable for a variety of industrial and commercial environments.

INTEGRATED ATS SERIES, GENERATOR, DOCKING STATION 600 – 1200 AMP

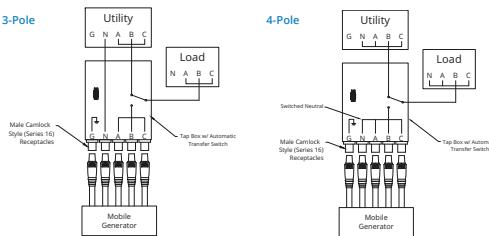
Part Number	Rating	Technical Data	Enclosure Option	Dimensions
TBQCAM06(X)-MPMS-(XXX)(X)	600A	2, 3, 4 Pole 120/208 VAC, 120/240 VAC, 277/480 VAC,		
TBQCAM06(X)-MPSS-(XXX)(X)				
TBQCAM08(X)-MPMS-(XXX)(X)	800A			
TBQCAM08(X)-MPSS-(XXX)(X)				
TBQCAM10(X)-MPSS-(XXX)(X)	1000A	3 and 4 Pole 120/208 VAC, 120/240 VAC, 277/480 VAC,	Pad mount, mild steel or stainless steel	71.8" H x 36.9" W x 34.9" D
TBQCAM10(X)-MPMS-(XXX)(X)				
TBQCAM12(X)-MPMS-(XXX)(X)	1200A			
TBQCAM12(X)-MPSS-(XXX)(X)				

- Fully Welded UL Listed NEMA 3R Enclosure
- Trapped cable door prevents cable disconnection by unauthorized personnel
- cULus Listed 1008 Transfer Switch
- (X) = Select solid neutral, switched neutral, or none. ex: TBQCAM08S
- (XXX) = voltage being used; ex: MPMS-480
- (X) = number of switched poles; ex: MPMS-480-3

DIMENSIONS OF INTEGRATED ATS SERIES 600-1200 AMP



TYPICAL ONE LINE DIAGRAM (INPUT PANELS)



PART NUMBER BUILDER

Series	Camlock Type	AMP	Neutral	Enclosure Option	Voltage	# of Switched Poles
TBQCA	M Male	06	600	N	None	
	F Female	08	800	X	Solid Neutral	
		10	1000	S	Switched Neutral	
			12	1200		

EXAMPLE PART NUMBER - TBQCAM06N-MPMS-208-3

ENCLOSURE SPECIFICATIONS

Type	Height	Width	Depth	Material	Color/Finish
NEMA 3R	71.8"	36.9"	34.9"	Mild Steel Stainless Steel	ANSI 61 Gray Clear Brushed Finish

Voltage	Ground	Neutral	L1	L2	L3	# of Rows (600-800A)	# of Rows (1200A)
208Y/120	●	●	●	●	●	x2	x3
240/120	●	●	●	●	●	x2	x3
480Y/277	●	●	●	●	●	x2	x3

Standard Components							
A	Trapped Cable Door						
B	Remote Start/Stop Terminals & GFCI 20 Amp Receptacle						
C	Additional Accessory Mounting						
D	Pad Mounting Layout Estimated Opening - 0.50" dia. x 23.65" x 35.5"						
E	Automatic Transfer Switch						
F	Series 16, 400 Amp, 600 VAC, Single Pole Camlock Receptacle						
G	Pad Lock with Handle Hex SW5 w/Pin						
H	Utility Side Door secured with Penta Bolts and (2x) Pad Lock Provisions						
I	Eye Lifting Hooks						

DUAL-PURPOSE MTS TAP BOX SERIES

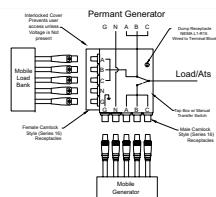
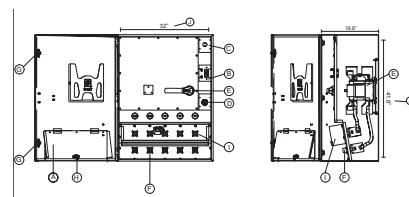
The POWERTRON Dual-Purpose MTS (Manual Transfer Switch) is engineered to provide seamless backup power solutions and load testing capabilities within a single, efficient unit. Designed to meet NEC 700.3(F) requirements, this innovative solution simplifies power management by integrating manual transfer switching and quick-connect features for load banks and standby generators. Available in models ranging from 100 to 1200 amps, these units are built to UL standards and deliver reliable performance for critical applications. With a weatherproof NEMA Type 3R enclosure and trapped cable door for added security, the POWERTRON Dual-Purpose MTS ensures safe, convenient, and economical connectivity for maintenance, testing, and backup power needs.

DUAL-PURPOSE MTS SERIES, UL LISTED, DOCKING STATION 100 - 400 AMP

Part Number	Rating	SCCR Rating	Technical Data	Enclosure Option	Dimensions
TBQCDP01-LWMS(XXX)(X)	100A				
TBQCDP01-LWSS(XXX)(X)					
TBQCDP02-LWMS(XXX)(X)	200A	22 kA-RMS 600 VAC Max	2, 3 or 4 Pole, 5 Wire 120/208 VAC, 120/240 VAC, 277/480 VAC, or 347/600 VAC	Wall mount, mild steel or stainless steel	41.8" H x 32" W x 19.8" D
TBQCDP02-LWSS(XXX)(X)					
TBQCDP04-LWMS(XXX)(X)	400A				
TBQCDP04-LWSS(XXX)(X)					

- UL Listed NEMA 3R Enclosure
- Trapped cable door prevents cable disconnection by unauthorized personnel
- Male Series 16 Camlocks for ease of temporary generator hook up
- Female Series 16 Camlocks Interlocked with a Panduit Absence of Voltage detector
- Standard Load dump receptacle (NEMA L1-15R)
- Auto Start Terminals with Auto Start Destination Switch
- Completed assembly safety agency approved
- cULus Listed 1008 / Control # WPVQ / Product ID: Enclosed Power Inlet

(XXX) = voltage being used; ex: LWMS480-3
(X) = 2, 3, 4 pole; ex: LWMS480-3

TYPICAL ONE LINE DIAGRAM
(INPUT PANELS)DIMENSIONS OF DUAL-PURPOSE MTS SERIES
100-400 AMP

PART NUMBER BUILDER

Series	Amperage	Enclosure Option	Voltage	# of Switched Poles
TBQCDP	Dual	01	100A	LWMS Large Wall Mount Mild Steel
		02	200A	LWSS Large Wall Mount Stainless Steel
		04	400A	
			208 208Y/120V	2 2 pole
			240 240/120V	3 3 pole
			480 480Y/277V	4 4 pole
			600 600Y/347V	

EXAMPLE PART NUMBER: TBQCDP04-LWMS-208-3

ENCLOSURE SPECIFICATIONS

Type	Height	Width	Depth	Material	Color/Finish
NEMA 3R	41.8"	32"	19.8"	Mild Steel	ANSI 61 Gray
				Stainless Steel	Clear Brushed Finish

Voltage	Ground	Neutral	L1	L2	L3
208Y/120	Ground	Neutral	Phase 1	Phase 2	Phase 3
240/120	Ground	Neutral	Phase 1	Phase 2	Phase 3
480Y/277	Ground	Neutral	Phase 1	Phase 2	Phase 3
600/347	Ground	Neutral	Phase 1	Phase 2	Phase 3

Standard Components	
A	Trapped Cable Door
B	Remote Start/Stop Terminals with Groud Fault
C	Load Dump Receptacle L1-15R
D	Absence of Voltage Detector with Access Control
E	Manual Transfer Switch
F	Series 16, Single Pole Camlock Receptacle, Male
G	Key Lock Handle (X2)
H	Quarter Turn Twist Lock Handle (Non-Locking)
I	Series 16, Single Pole Camlock Receptacle, Female
J	Mounting Hole Pattern - (4X) 0.50" dia. (30.50" x 40.50")

DUAL-PURPOSE MTS TAP BOX SERIES

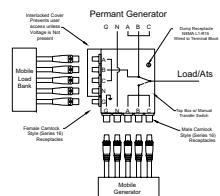
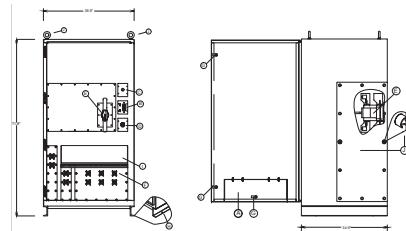
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DUAL-PURPOSE MTS SERIES, UL LISTED, DOCKING STATION 600 – 1200 AMP

Part Number	Rating	SCCR Rating	Technical Data	Enclosure Option	Dimensions
TBQCDP06-MPMS(XXX)(X)	600A	22 kA RMS 600 VAC Max	2, 3 or 4 Pole, 5 Wire 120/208 VAC, 120/240 VAC, 277/480 VAC, or 347/600 VAC	Pad mount, mild steel or stainless steel	71.8" H x 36.9" W x 34.9" D
TBQCDP08-MPMS(XXX)(X)	800A				
TBQCDP08-MPSS(XXX)(X)	800A				
TBQCDP12-MPMS(XXX)(X)	1200A	50 kA RMA 600 VAC Max			
TBQCDP12-MPSS(XXX)(X)	1200A				

(XXX) = voltage being used; ex: MPMS600
(X) = 2, 3, 4 pole; ex: MPMS480-3

- UL Listed NEMA 3R Enclosure
- Trapped cable door prevents cable disconnection by unauthorized personnel
- Male Series 16 Camlocks for ease of temporary generator hook up
- Female Series 16 Camlocks Interlocked with a Panduit Absence of Voltage detector
- Standard Load dump receptacle (NEMA L1-15R)
- Auto Start Terminals with Auto Start Destination Switch
- Completed assembly safety agency approved
- cULus Listed 1008 / Control # WPVQ/Q Product ID: Enclosed Power Inlet

TYPICAL ONE LINE DIAGRAM
(INPUT PANELS)DIMENSIONS OF DUAL-PURPOSE MTS SERIES
600-1200 AMP

PART NUMBER BUILDER

Series	Amperage	Enclosure Option	Voltage	# of Switched Poles
TBQCDP	06	MPMS	208Y/120V	2 pole
	08	MPSS	240/240/120V	3 pole
	12	1200A	480/480Y/277V	4 pole
			600/600Y/347V	

EXAMPLE PART NUMBER: TBQCDP06-MPMS-208-3

ENCLOSURE SPECIFICATIONS

Type	Height	Width	Depth	Material	Color/Finish	Standard Components
NEMA 3R	71.8"	36.9"	34.9"	Mild Steel	ANSI 61 Gray	Trapped Cable Door

Voltage	Ground	Neutral	L1	L2	L3
208Y/120					
240/120					
480Y/277					
600/347					

Standard Components	
A	Trapped Cable Door
B	Remote Start/Stop Terminals with Ground Fault
C	Load Dump Receptacle L1-15R
D	Panduit Absence of Voltage Detector
E	Manual Transfer Switch
F	Series 16, Single Pole Male Camlock Receptacle
G	Pad Lockable Handle Hex SW5 with Pin
H	Pad Mounting Layout Estimated Opening: -50" dia. 36" x 23.75"
I	Series 16, Single Pole Female Camlock Receptacle
J	Utility Side Door Secured with Pent Bolts and (2x) Pad Lock Provisions
K	Eye Lifting Hooks

RONK ELECTRICAL INDUSTRIES

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GENERATOR CABLE ASSEMBLIES



TECHNICAL DATA

Camlock Connectors		Cable	
Product Description	Cam-type connector, industrial grade, series 16, male and female	Product Description	Single conductor, type W, extra flex cable
Rating	Rated up to 400 amps, 600 Volt, NEMA 3R	Rating	2/0 AWG, 300 Amp, 90°C, 2000 Volt (Other sizes are available upon request)
Rating	4/0 AWG, 405 Amp, 90°C, 2000 Volt (Other sizes are available upon request)	Rating	4/0 AWG, 405 Amp, 90°C, 2000 Volt (Other sizes are available upon request)

CABLE ASSEMBLY CONFIGURATOR

TBQC	Tap Box Quick Connect		Cable Assembly Configurator	
	Cable Size	Cable Type	Cable End A	Cable End B
	20	2/0 AWG	M Male End	M Male End
	40	4/0 AWG	F Female End	F Female End
			B Bare End	B Bare End
			L Lug End	L Lug End

Sample Code:
TBQC40W-BF-15BK = 4/0 AWG, Type W, Bare End, Female End, 15 Feet, Black

Common Connectivity Applications				
• Generator Tap Box has male receptacles	• Mobile generator has female receptacles and/or bus bar	These applications are commonly found, but not 100%. Double check before ordering.		

TAP BOX CABLE ASSEMBLIES SIZES

Voltage 208Y/120			Voltage 240/120			Voltage 480Y/277		
Ground Neutral	L1	L2	Ground Neutral	L1	L2	Ground Neutral	L1	L2
GRN	WHT	BLK	GRN	WHT	BLK	GRN	WHT	BLK
		RED			RED			RED
		BLU			BLU			BLU

Use the chart to find the total number of generator cable assemblies required for your Powertron® Tap Box Quick Connect. All tap box units have fully rated ground and neutral connections.

400 Amp	800 Amp	1200 Amp	1600 Amp	2000 Amp
Single Phase Three Phase				
4 Pieces 5 Pieces	8 Pieces 10 Pieces	12 Pieces 15 Pieces	16 Pieces 20 Pieces	20 Pieces 25 Pieces
1 Row	2 Rows	3 Rows	4 Rows	5 Rows

2400 Amp

2800 Amp

3200 Amp

3600 Amp

4000 Amp

Single Phase Three Phase

24 Pieces | 30 Pieces

28 Pieces | 35 Pieces

32 Pieces | 40 Pieces

36 Pieces | 45 Pieces

40 Pieces | 50 Pieces

6 Rows

7 Rows

8 Rows

9 Rows

10 Rows

POWERTRON AND RONK

Our Commitment to the Powertron Brand

At **RONK Electrical Industries**, we take pride in building products that stand the test of time. The Powertron line represents our ongoing commitment to engineering excellence and trusted performance in power transfer technology. As we continue to grow the Powertron brand, our focus remains on developing innovative, field-ready solutions that meet the evolving needs of the electrical industry. Every product we design, engineer, and build reflects our dedication to safety, reliability, and the professionals who depend on **RONK** equipment every day. With Powertron, you can count on the same craftsmanship and integrity that have defined **RONK** for more than 75 years, and our promise to keep powering progress for decades to come.

For More Information...

To learn more about the Powertron line or explore the full range of **RONK** products, visit us online at www.ronkelectrical.com





POWERTRON®

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