POWERTRON®

INTEGRATED DUAL-PURPOSE MTS 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	22 kA RMS 600 VAC Max When protected by Class J Fuses	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
TBQCDP01-LWSS(XXX)(-X)					
TBQCDP02-LWMS(XXX)(-X)	200A				
TBQCDP02-LWSS(XXX)(-X)					
TBQCDP04-LWMS(XXX)(-X)	400A				
TBQCDP04-LWSS(XXX)(-X)					

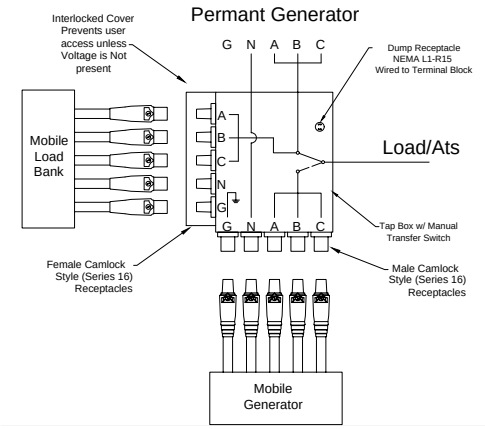
- UL Listed NEMA 3R Enclosure
- Trapped cable door prevents cable disconnection by unauthorized personnel
- Male Series 16 Camlocks for ease of temporary generator hook up
- Female Series 16 Camlocks Interlocked with a Panduit Absence of Voltage Detector
- Standard Load dump receptacle (NEMA L1-R15)
- 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

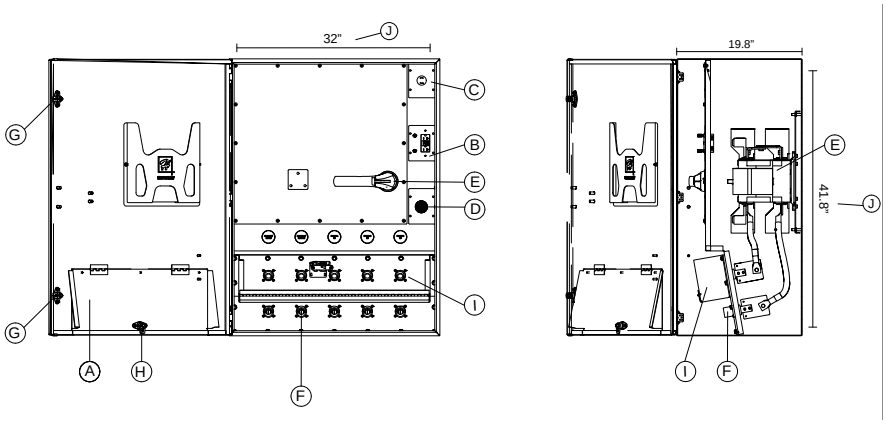
(-X) = 2, 3, 4 pole; ex: LWMS480-3

RONK

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		208	208Y/120V		2	2 pole
		02	200A		LWSS	Large Wall Mount Stainless Steel		240	240/120V		3	3 pole
		04	400A					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	GRN	WHT	BLK	RED	BLU
240/120	GRN	WHT	BLK	RED	BLU
480Y/277	GRN	WHT	BRN	ORG	YEL
600/347	GRN	WHT	BLK	RED	BLU

Standard Components	
A	Trapped Cable Door
B	Remote Start/Stop Terminals with Ground 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”)

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