

MTS Series

Power Transfer Centers



Actual product may vary from photograph. Please request product drawings from solutions@intersectinc.com

The MTS Series consolidates AC power service components into a single enclosure by combining a manual transfer switch with a Cam-Lok style connector panel and optional Strikesorb® transient voltage surge suppression. The MTS Series installs quickly and saves valuable site space while providing UL Listed reliability and 65 kAIC rating. The MTS Series may be located on an H-frame or wall.

Manual Transfer Switch

- Mechanically interlocked – prevents the utility and generator sources from being closed at the same time
- Main source “utility” breaker is rated 65 kAIC; alternate “generator” source breaker is rated 10 kAIC. Both breakers offer the “push-to-trip” red dot test feature
- Transfer switch is constructed of 14-gauge steel

Optional Strikesorb Surge-Protection for Critical Loads

- Protection characteristics remain unchanged throughout service life
- Loads are never left unprotected, as Strikesorb operates to a short circuit and trips main disconnect breaker in the event of a long duration, catastrophic over-voltage event
- Cost-effective and maintenance-free operation – even in demanding environments

NEMA 3R Enclosure

- UL 50 lightweight, and corrosion-resistant aluminum cabinet
- A stainless steel reinforced gasket “grips” the metal flange inside of the panel to provide a three-point seal for strengthened weatherproofing
- Factory punched for ease of installation. Knockouts outline on back of panel simplify routing of power and grounding cables
- Ships with UL-recognized plugs to maintain the enclosure’s Type 3R rating

For more information contact Intersect at solutions@intersectinc.com.

Intersect, Inc.

Quality products. Premium customer care. Integrated solutions.

Product No.	Product Configuration
MTS12200-ICL ¹	120/240; 1Ø; 200 A; MTS; NEMA Type 3R encl; Cam-Lok style gen connection panel
MTS33200-ICL ¹	120/208; 3Ø; 200 A; MTS; NEMA Type 3R encl; Cam-Lok style gen connection panel
MP12200-ICL ¹	120/240; 1Ø; 200 A; MTS; Strikesorb; NEMA Type 3R encl; Cam-Lok style gen connection panel
MP33200-ICL ¹	120/208; 3Ø; 200 A; MTS; Strikesorb; NEMA Type 3R encl; Cam-Lok style gen connection panel

1. The MTS or MP panel may be purchased without the Cam-Lok style gen connection panel.

General Data

Enclosure weight & dimensions

- 80 lbs (approximate)
- 39" H x 20" W x 10" D

Enclosure

- UL 50
- NEMA Type 3R
- 0.125" thick aluminum

Powder coat paint

Ultra Light Gray Polyester

Door

- 3-point latching system with 3-point seal
- Pad-lockable

UL certification

- UL 50 enclosure for electrical equipment
- UL 891 rated for service or main disconnect applications

Manufacturer's warranty

5 years

Transfer Device

Type

Mechanical interlock

Suppression Technology

Technology type

Strikesorb 40mm, 120 V modules
(one per phase, L-N)

UL certification

UL 1449 3rd Edition

Nominal operating voltage

120 V

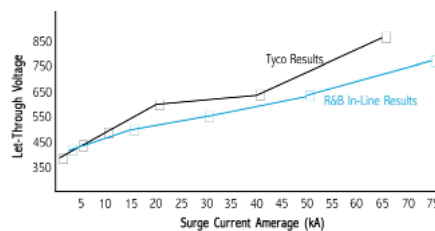
Suppressed voltage rating (SVR)

UL 1449, Feb 2007 tested <500 V

Maximum continuous operating voltage (MCOV)

150 V

Let through voltage



Available interrupt current (AIC)

UL Recognized for direct installation behind any breaker in any circuit with an AIC rate of 85 kA rms without use of additional fusing.
UL Recognized fore direct installation in any circuit having an available fault current up to 200,000 A rms, when protected by a 4000 A Class L fuse.

Remote alarming

Form "C" relay

Multiple surge resilience

2,000 hits at 10 kA (8/20 μ s) (Represents the ability to withstand multiple strikes with less than a 5% change in characteristics.)

Long duration surge performance

250 hits at 500 A, 2 msec squared waveform (IEEE C62.11)

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