

Zenith ZTSU/ZTGU

Utility-to-Utility Automatic Transfer Switch

Introduction

In many installations the automatic transfer switches have a second utility feed as Source 2 (emergency) instead of an engine generator set. This application requires a transfer switch designed and configured for utility-to-utility sources. Zenith offers the full range of Automatic Transfer Switches for U to U application in ZTS and ZTG product family. Refer to ZTS and ZTG product brochure for ordering information and all other ATS specifications.

Features and Benefits

For utility-to-utility applications, ABB recommends the Zenith ZTSU/ZTGU Series Transfer Switch, with full phase protection on the Source 1 (primary utility) side and U to U series ATS is available with "MSTD" option group which is listed in ZTS/ZTG product brochure. Here are some of those options...

- A3** Auxiliary Contact — Closed in Source 2 position
- A4** Auxiliary Contact — Closed in Source 1 position
- L1** Pilot Light — Indicates switch is in Source 2 position
- L2** Pilot Light — Indicates switch is in Source 1 position
- L3** Pilot Light — Indicates Source 1 is available
- L4** Pilot Light — Indicates Source 2 is available
- R17** Voltage Sensing Relays — Full phase protection on the Source 2 (secondary utility) side
- T** Time Delay — 0-60 minutes adjustable time delay on retransfer to Source 1 (primary utility)
- W** Time Delay — 0-5 minutes adjustable time delay on transfer to Source 2 (secondary utility)

Fully Approved

- UL 1008 listed at 480 VAC
- CSA C22.2 No. 178 certified at 600 VAC
- IEC 60947-6-1 listed at 480 VAC
- Seismic Compliance to IEEE-693-2005 and IBC-2015
- Amperage sizes: 40 through 4000
- Pole: 2, 3 and 4
- Available for operation on all standard voltage systems
- Withstand current ratings are the same as the standard Zenith ZTS Series
- Refer to ATS WCR document (document # TB-1102) for latest WCR rating of the ATS product
- Optional accessory features are the same as the standard Zenith ZTS Series
- Available in standard, delayed and closed transition versions and Zenith ZTG Series (with Zenith MX150 controller) as well as in the Zenith ZBTS Series



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