

ZTG T-series

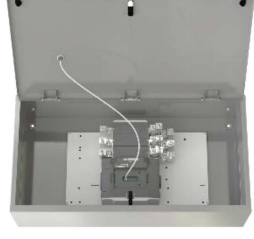
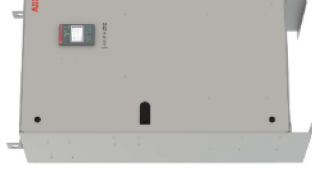
Overview (1/2)



Amperage (A)	30-200	260-400	600	800-1200	1600-3000
Application	General purpose commercial and industrial				
Voltage (V)	200-480				
Frequency (Hz)	50-60				
Transition	open, delayed				
Enclosure NEMA types	1, 3R, 4, 4X, 12				
Controller type	Lvl 3 – 3" x 2" LCD display				
Standards compliance	cULus 1008				
Seismic compliance ¹	OSHDP, IBC-2015, IEEE-693-2005				

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Overview (2/2)



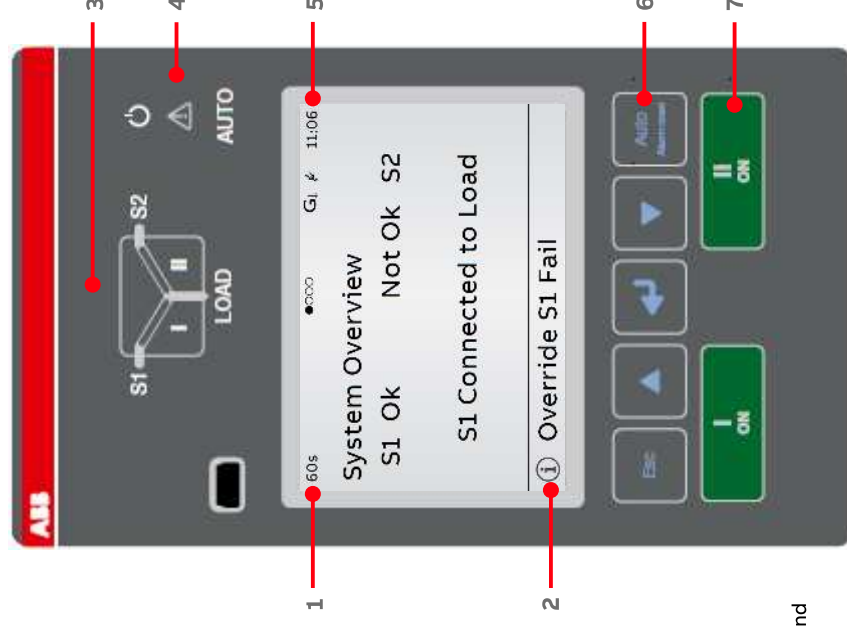
Amperage (A)	30-200	260-400	600	800-1200	1600-3000
Platform	TruONE R2	TruONE R2/R3	TruONE R3	TruONE R4	R5 + TruControl
Voltage capability	200-480V universal	200-480V universal	200-480V universal	200-480V universal	200-480V factory set
Poles	2, 3, 4	2, 3, 4	2, 3, 4	2, 3, 4	3, 4
Phase systems	single and three	single and three	single and three	single and three	single and three
Max CB WCR (max CB size)	100kA (250A) 200kA (125A)	100kA (600A) 200kA (250A)	100kA (600A) 200kA ¹ (600A)	65kA (1600A) 100kA (1200A)	100kA (any)
Max fuse WCR & type	100kA Class J 400A 200kA Class J 200A	100kA Class J 400A 200kA Class J 200A	100kA Class J 600A 200kA ¹ Class J & L 800A	100kA ¹ Class L 2000A 200kA ¹ Class L 1200A	200kA Class L 4000A
Dimensions (in)	24 W x 12 D x 32 H	24 W x 14 D x 46 H ²	28 W x 19.5 D x 54 H	40 W x 19.5 D x 74 H	35.5 W x 48 D x 90 H

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HMI – Level 3 interface

- 3" x 2" LCD display + navigation keys & LED indicators
- Autoconfigure voltage system
- In-phase monitor
- Genset exerciser + real time clock
- Source priority selection
- Manual retransfer & permanent manual modes
- Commit transfer
- 70-120% setpoint range for high/low dropout & pickup voltage/frequency
- Widely adjustable failure, transfer, retransfer, center off, and gen cool down delays
- Auto/manual key
- Bypass time delay key
- Test on or off load keys
- Manual transfer keys
- Password protection of all operations, including keys

1. Current running time delay
2. Alarms, warnings, and info (cycles)
3. LED single line indicates source status and switch position
4. Power, AUTO, and alarm LEDs
5. Gen start & aux power status, clock
6. Auto/manual & alarm reset key
7. Manual transfer keys (password protected)



Open transition



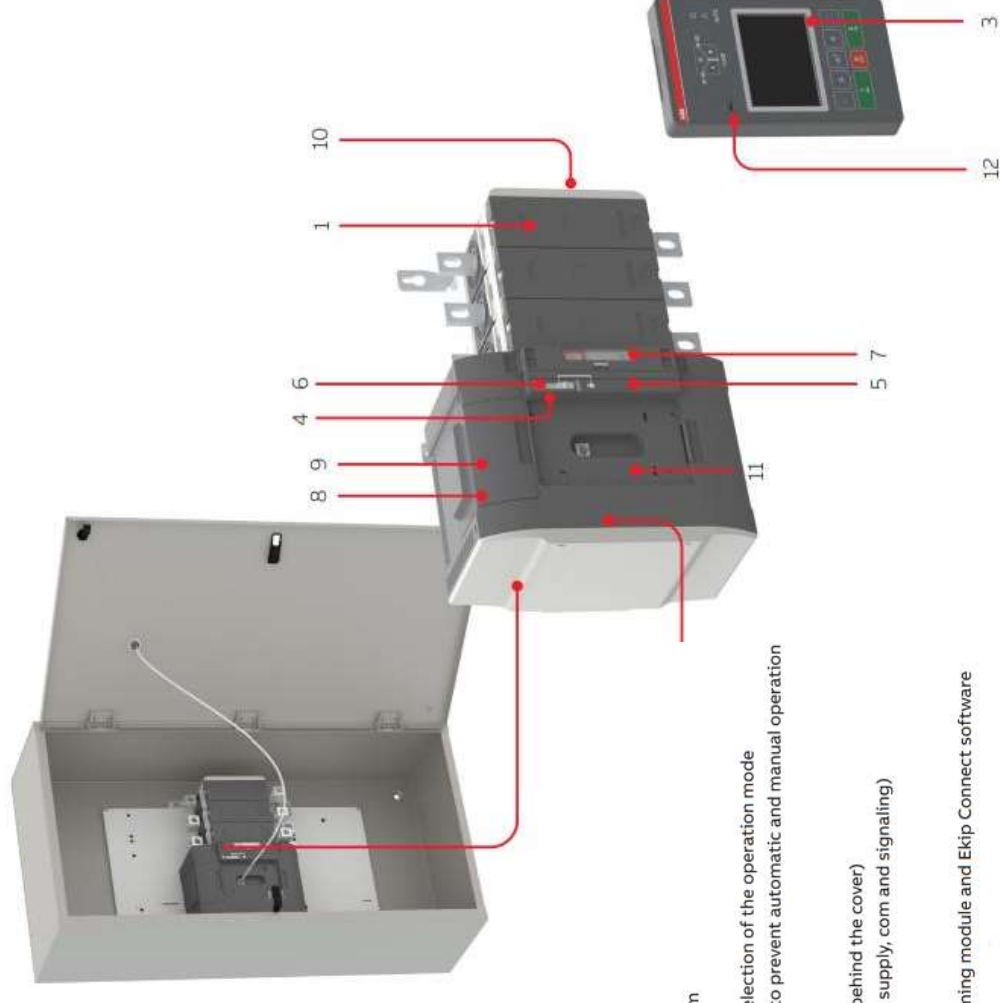
Delayed transition



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Standard features

- 250 event log
- Offline programming (powered by laptop USB)
- Embedded IO up to 3 O and 2 I – varies by model amperage, expandable via packages or option selections
- 3 phase sensing with under/over voltage, invalid frequency, phase missing, voltage unbalance, and phase sequence detection
- USB connectivity to Ekip Connect to view ATS Status & events
- Mechanical position indication
- Mechanical screw terminal lugs (not shown)
- Coordinated breaker/fuse WCR



1. Automatic transfer switch
2. Embedded ATS control unit and mechanism
3. HMI unit, type ZTG LCD
4. Slide switch (Hand - Locking - AUTO) for selection of the operation mode
5. Padlocking the automatic transfer switch to prevent automatic and manual operation
6. Handle for manual operation
7. Position indication
8. Terminals for control circuit connections (behind the cover)
9. Place for connectivity modules (aux power supply, com and signaling)
10. Place for auxiliary contact block
11. Location of product identification label
12. Programming port, only for Ekip Programming module and Ekip Connect software

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Resources

Websites

- [Zenith T-series](#)
- [ZTG T-series](#)
- [Virtual HMI](#)

Videos

- [SOO part 1](#)
- [SOO part 2](#)
- [Manual & automatic operation](#)
- [Accessory installation](#)

Documentation

- [Brochure: 30-1200A](#)
- [Brochure: 1600-3000A](#)
- [Guide spec](#)
- [WCR coordinated ratings](#)
- [Quick start guide: 30-1200A](#)
- [Quick start manual: 1600-3000A](#)
- [UL Certificate: 30-1200A](#)
- [UL Certificate: 1600-3000A](#)
- [O&M manual: 30-1200A](#)
- [O&M manual: 1600-3000A](#)
- [Register map](#)

Drawings/schematic

- [30-200A Type 1](#)
- [260-400A Type 1](#)
- [600A Type 1](#)
- [800-1200A Type 1](#)
- [30-200A Type 3R, 4, 12](#)
- [260-400A Type 3R, 4, 12](#)
- [600A Type 3R, 4, 12](#)
- [800-1200A Type 3R, 4, 12](#)
- [30-1200A Electrical schematic](#)
- [1600-3000A Type 1](#)
- [1600-3000A Type 3R, 4, 12](#)
- [1600-3000A Electrical schematic](#)