

## Description

The ZTS Open Style Simulator advanced model (P/N: 10011-CCC) has all the features of the GE Zenith automatic transfer switches. It comes with an electronics board that has toggle switches and LEDs to simulate inputs and output respectively. It supports transfer in standard, delay, or closed transition mode.



Fig 1 – Front View

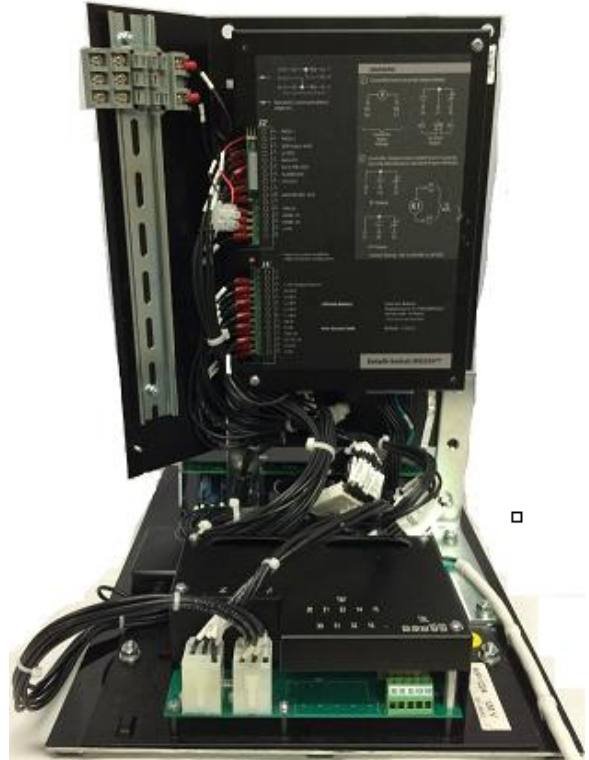


Fig 2 – Back View



Assembled/tested in U.S.A.



 <b>Controls Communications Consultants LLC</b>		<b>Address:</b> 1 N OPLAINE RD PO BOX 365 Gurnee, IL 60031, USA	
<b>TITLE:</b> MX150/250 Simulator (Advanced Model)		<b>sales@cccusi.com</b> <b>www.cccusi.com</b> <b>+1-312-7183368</b>	
<b>SIZE:</b> A	<b>DWG NO:</b> DWG_10011_CCC		
<b>SCALE:</b> N/A		<b>REV:</b> A	<b>SHEET:</b> 1 of 5
			<b>REV DATE:</b> 27-July-2014
			<b>PART NO:</b> 10011-CCC

Fig 3 – Side View



Fig 4 – Interface

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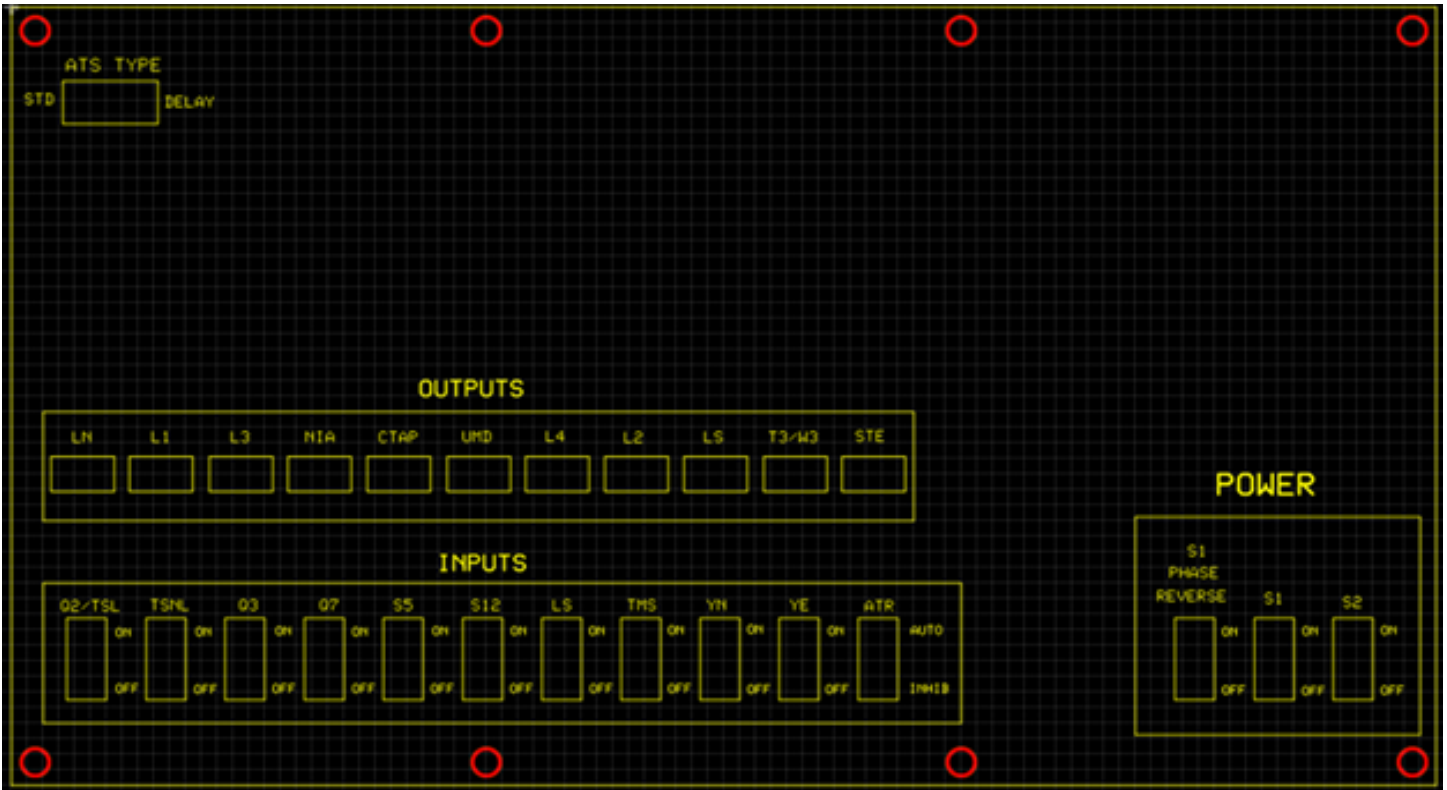




Table 3 – Hardware Outputs

 <b>Controls Communications Consultants LLC</b>		
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	Features	Basic Model: 10019-CCC	Advanced Model: 10011-CCC	Comments
1	Basic Features			
1.1	Single and 3 phases terminal connections	Yes	Yes	
1.2	120V to 600V	Yes	Yes	
1.3	Toggle switch to simulate S1 source availability	Yes	Yes	
1.4	Toggle switch to simulate S2 source availability	Yes	Yes	
1.5	Toggle switch to simulate S1 position availability	Yes		The advanced model simulates positions via the electronics board.
1.6	Toggle switch to simulate S2 position availability	Yes		The advanced model simulates positions via the electronics board.
1.7	Toggle switch to simulate phase rotation mismatch		Yes	
1.8	Uses actual CPS	Yes	Yes	
1.9	Convenient access to ports for troubleshooting and connections	Yes	Yes	
1.10	Modbus communication	Yes	Yes	
1.11	Surge protection on S1 and S2 sources	Yes	Yes	
1.12	Support Standard/Delay/Closed Transition)	Yes	Yes	

Table 1 – Basic Features

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	Features	Basic Model: 10019-CCC	Advanced Model: 10011-CCC	Comments
2	Hardware Inputs (Simulated by Toggle switches)			
2.1	Q2/TSL (Test-Switch-Load)		Yes	
2.2	TSNL (Test-Switch-No-Load)		Yes	
2.3	Q3 (Inhibit Transfer to S2 Source)		Yes	
2.4	Q7 (Inhibit transfer to S1 Source)		Yes	
2.5	S5 (Manual transfer to S1 source)		Yes	
2.6	S12 (Manual transfer to S1/S2 source)		Yes	
2.7	LS (Load Shed)		Yes	
2.8	TMS (Closed Transition Mode)		Yes	
2.9	YN (bypass T-timer)		Yes	
2.10	YE (bypass W-timer)		Yes	
2.11	ATR (Inhibit Switch)		Yes	

Table 2 – Hardware Inputs

	Features	Basic Model: 10019-CCC	Advanced Model: 10011-CCC	Comments
3	Hardware Outputs (Simulated by LEDs)			
3.1	LN (open position)		Yes	
3.2	L1 (S2 position)		Yes	
3.3	L3 (S1 source acceptable)		Yes	
3.4	NIA (ATS not-in-auto)		Yes	
3.5	CTAP (Transfer to S2 Alarm)		Yes	
3.6	UMDA62 (Universal Motor Disconnect)		Yes	
3.7	L4 (S2 source acceptable)		Yes	
3.8	L2 (S1 position)		Yes	
3.9	LS (Load Shed)		Yes	
3.10	T3/W3 (elevator Pre-signal)		Yes	
3.11	STE (shunt Trip Emergency)		Yes	

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