



TORQUE AND LIMIT SWITCH OPERATION		
SWITCH	CLOSE ←	INTERMEDIATE → OPEN
CLS 1-2		
CLS 1-3		
OLS 1-2		
OLS 1-3		
ACLS1-2		
ACLS1-3		
AOLS1-2		
AOLS1-3		
CTS 1-3	* CLOSING TORQUE SWITCH INTERRUPTS CONTROL IF MECHANICAL OVERLOAD OCCURS DURING CLOSING CYCLE	
OTS 1-3	* OPENING TORQUE SWITCH INTERRUPTS CONTROL IF MECHANICAL OVERLOAD OCCURS DURING OPENING CYCLE	
SYMBOL	DESCRIPTION	RATING
CLS	CLOSE LIMIT SWITCH	250VAC 10A
OLS	OPEN LIMIT SWITCH	250VAC 10A
CTS	CLOSING TORQUE SWITCH	250VAC 10A
OTS	OPENING TORQUE SWITCH	250VAC 10A
ACLS	AUX. CLOSE LIMIT SWITCH	250VAC 16A
AOLS	AUX. OPEN LIMIT SWITCH	250VAC 16A
TP	THERMAL PROTECTOR	250VAC 15A

*EACH ACTUATOR SHOULD BE POWERED THROUGH IT'S OWN INDIVIDUAL SWITCH OR RELAY CONTACTS TO PREVENT CROSS FEED BETWEEN TWO OR MORE ACTUATORS.

AC/DC 24V Control Unit		
DIP SWITCH		
Mode	1	2
DC	ON	OFF
AC	OFF	ON

THE DESIGN AND DISCLOSURE CONTAINED IN THIS DRAWING WAS ORIGINATED BY, AND IS EXCLUSIVE PROPERTY OF A-T CONTROLS, INC. IT IS FURNISHED FOR VENDOR INFORMATION ONLY AND IS NOT AN AUTHORIZATION -OR- LICENSE TO MAKE THIS CONSTRUCTION OR TO FURNISH THIS INFORMATION TO OTHERS. ALL DRAWINGS MUST BE RETURNED TO A-T CONTROLS, INC. ON DEMAND. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED IN ANY FORM WITHOUT THE EXPRESS WRITTEN PERMISSION OF A-T CONTROLS, INC.



Division of A-T Controls, Inc.
 11363 Deerfield Road
 Cincinnati, Ohio 45242
 Phone: (513) 247-5465
 Fax: (513) 247-5462

DRAWN SAH	CHECKED BY	APPROVED
DATE 05/30/05	DATE	DATE
TITLE WIRING DIAGRAM WE-1350A THRU WE-2640A ELECTRIC ACTUATOR 24VAC		

ECN	DATE	BY
ECN#	DATE	BY

