



**TORQUE AND LIMIT SWITCH OPERATION**

SWITCH	CLOSE ←	INTERMEDIATE	→ OPEN
CLS 1-2			
OLS 1-2			
MCLS1-2			
MCLS1-3			
MOLS1-2			
MOLS1-3			
ACLR1-3			
AOLR1-3			
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	CLOSE TORQUE SWITCH		250VAC 10A
OTS	OPEN TORQUE SWITCH		250VAC 10A
ACLR	AUX. CLOSE LIMIT RELAY		250VAC 5A
AOLR	AUX. OPEN LIMIT RELAY		250VAC 5A
TP	THERMAL PROTECTOR		250VAC 15A
MCLS	MANUAL CLOSE LIMIT SWITCH		250VAC 10A
MOLS	MANUAL OPEN LIMIT SWITCH		250VAC 10A

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

HQ-300	<b>1PH WIRING DIAGRAM PCU</b>		
HQ-200			
HQ-120			
HQ-080			
HQ-060	DWG. NO	<b>HQ-15000-E</b>	
HQ-050	DATE	12/11/18	ISSUE REF: E
HQ-030			
HQ-020	ACTUATED SOLUTIONS LTD		
HQ-015	TEL: (01243) 827469		
APPLICATION	FAX: (01243) 829418		