



NOTE
 After Power supplied (#2&3), please connect #1&4 together. Please make sure that #1&4 is connected and the connection should be maintained during supplying power. Connected #1&4 is for usage of battery in case of Power-Failure. Please be noted. If power will not be supplied for a long time, please disconnect #1&4 in order to prolong the life of battery.

**** TERMINAL BLOCK ****

L1	1	13
L2	2	14
	3	15
	4	16
	5	17
	6	18
	7	19
	8	20
	9	21
	10	22
	11	23
	12	24

DO NOT APPLY EXTERNAL VOLTAGE TO TERMINALS 6 THRU 9 CONTACT CLOSURE ONLY IS REQUIRED

**** NOTE ****
 Technical Explanation

BAT : BATTERY LAMP MODE
 GL : GREEN LAMP FULL RECHARGE
 YL : YELLOW LAMP LOW RECHARGE
 RL : RED LAMP LOW RECHARGE

RL : RED LAMP FOR OPEN
 GL : GREEN LAMP FOR CLOSE
 YL : YELLOW LAMP FOR FAULT
 ◎ : MARKS FOR TERMINAL

**** LIMIT SWITCH CONTACT POSITIONS ****

CON-FACT	VALVE OPENING (°)
ROTOR	0
OPEN	T-3
(OLS)	T-2
CLOSE	T-3
(CLS)	T-2

--- : CONTACT ON
 - - - - : CONTACT OFF

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DRAWN	SAH	CHECKED BY	BF	APPROVED
DATE	03/31/11	DATE	03/31/11	DATE
TITLE	BFS-690 / 3RD GEN FAIL SAFE ELECTRIC ACTUATORS BATTERY BACKUP			

1725	07/15/16	TEM
ECN#	DATE	BY

