

Class 1

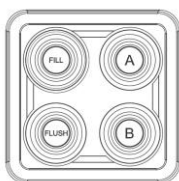
EZFill Switch Panel Controller (PN 610-00062-000-single) (PN 610-00062-003-dual) Quick Manual

WIRING

Panel Controller			
Mating Connector:		DEUTSCH DT06-4S	
Terminals:		0462-201-16141 & 0462-201-1631	
POSITION	CIRCUIT	DESCRIPTION	
1	[S+] SUPPLY	Module supply	(+9VDC ... +32VDC)
2	[S-] GROUND	Module ground	(ground)
3	[CH] CAN High	Communications	(J1939 CAN)
4	[CL] CAN Low	Communications	(J1939 CAN)
H-Bridge Control Module			
Mating Connector:		DEUTSCH DT06-12SA	
Terminals:		0462-201-16141 & 0462-201-1631	
POSITION	CIRCUIT	DESCRIPTION	
1	[S+] SUPPLY	Module supply	(+9VDC ... +32VDC)
2	[CH] CAN High	Communications	(J1939 CAN)
3	[O+] OUTPUT	Valve B	(positive)
4	[O+] OUTPUT	Valve A	(positive)
5	[O-] OUTPUT	Motor Signal	(negative, ~500mA)
6	---	---	---
7	---	---	---
8	[I] INPUT	Tank Level A	(polarity selectable)
9	[I] INPUT	Tank Level B	(polarity selectable)
10	---	---	---
11	[CH] CAN Low	Communications	(J1939 CAN)
12	[S-] GROUND	Module ground	(ground)

OPERATION

The EZ-Fill Switch Panel Controller (SPC) is the primary component of an electronically controlled refill system that allows quick and easy refills of foam concentrate tanks. The EZ-Fill SPC comes in two versions: Single tank and Dual tank.



FILL Button

Press and Release function:

Commands the appropriate valve(s) to the 'fill' position and commands the foam pump motor to run for 60 seconds or until the tank level full input is activated. The foam pump motor can be turned off at any time by pressing the FILL button again. After the fill cycle completes (either by the tank level full input being activated or by pressing the FILL button a second time), all valves return back to the default 'flush' position.

Press and Hold function:

Commands the appropriate valve(s) to the 'fill' position and the foam pump motor is commanded to run as long as the FILL button is held (*force fill*). As soon as the button is released, all valves return back to the default 'flush' position.

Button illuminations:

- The FILL button will be ON FLASHING RED/GREEN while the foam fill pump is running.
- The FILL button will be ON STEADY RED/GREEN when fill is not active.

FLUSH Button

Press & Release function:

Commands the foam pump motor to run for 30 seconds to flush the

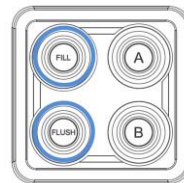
system of residual foam concentrate. The default state for all valves is the 'flush' position.

Press and Hold function:

Commands the pump motor to run as long as the FLUSH button is held (*force flush*).

Button illuminations:

- The FLUSH button will be ON FLASHING BLUE while the system is flushing, and the FILL ON STEADY BLUE.
- The FLUSH and FILL buttons will be ON STEADY RED/GREEN when flush is not active.

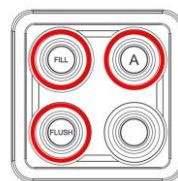


A Button

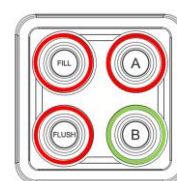
Function:

Commands Valve 1 to the 'Tank A' position once the FILL button is pressed.

Button illuminations:



OR

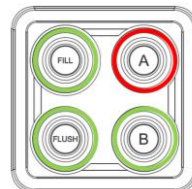


B Button (EZ-Fill SPC DUAL TANK only).

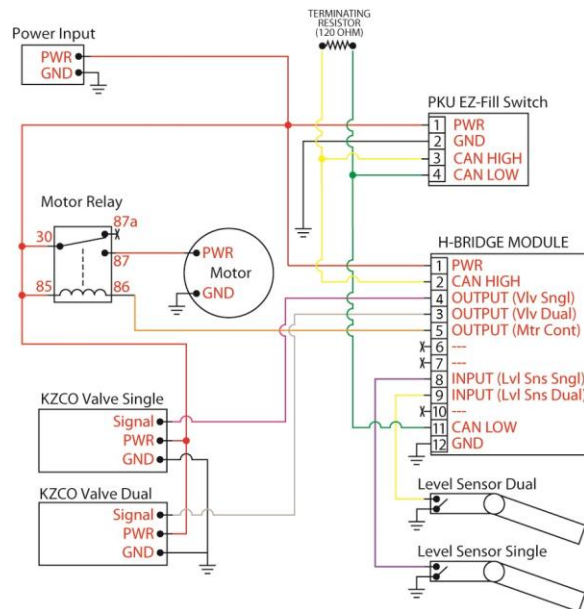
Function:

Commands Valve 2 to the 'Tank B' position once the FILL button is pressed.

Button illuminations:



INSTALLATION



For a detailed operation manual visit
www.haleproducts.com