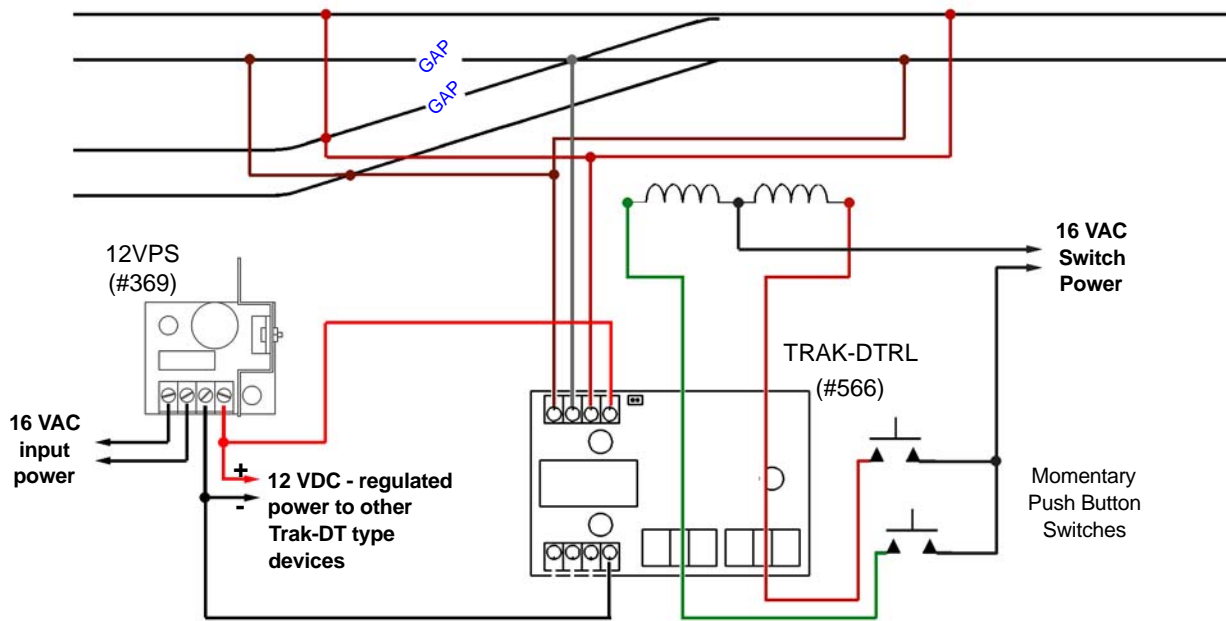
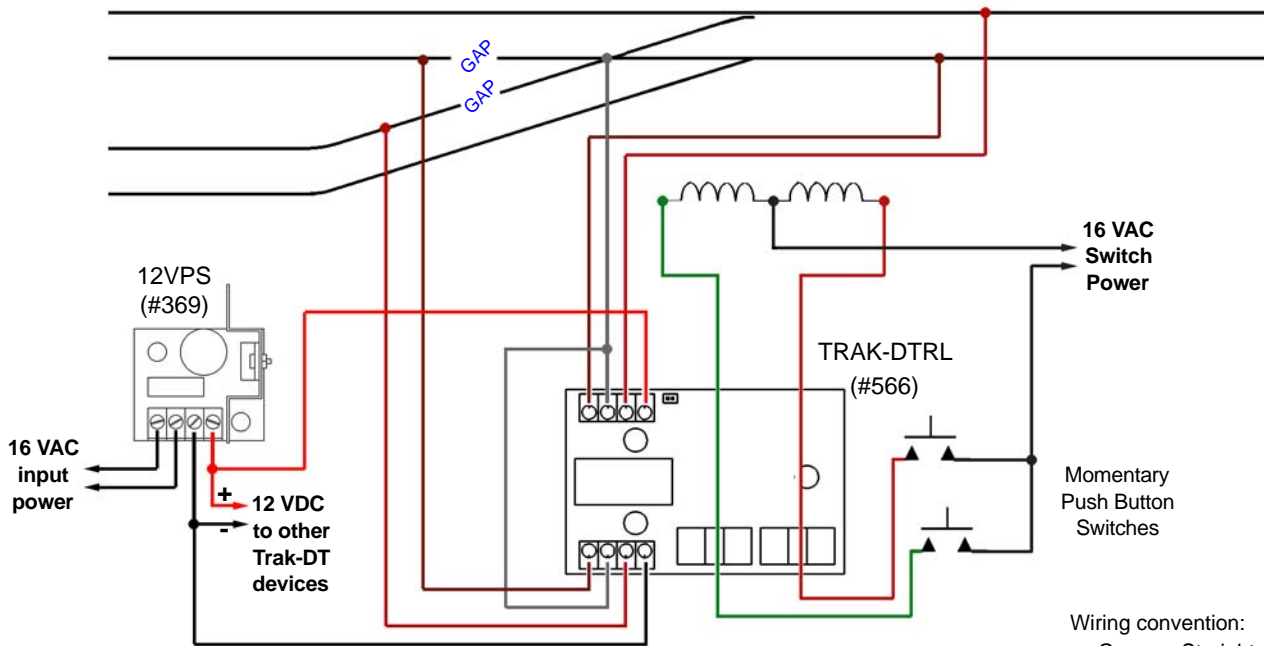


American S Gauge Switch Frog power routing using a Trak-DTRL



Switch Frog and power routing track using a Trak-DTRL

i.e. 1 train / 2 train operation as per original American Flyer switches.



Wiring convention:
Green = Straight, Red = Turn.

For both drawings:

Upon first initialization, make sure the track switch has to be in the correct direction with the Trak-DTRL. Therefore, the pushbutton switch to throw the switch should be pressed at least once to establish correct settings. Once established you should never reverse the track switch unless except by use of the push button switches with power supplied. Otherwise, they will get out of sync. Since the Trak-DTRL maintains polarity the power will always start in the correct direction from the previous operating session. The same drawing can be used for a left or right hand switch. You can also parallel up two switches with one Trak-DTRL that operate in conjunction with each other. While not shown, panel lamps/LED's can easily be wired to the relay contacts. Use separate power transformers for the 12VPS and Switch Power.

GAP - air space between rails, a plastic insulator may be used.

DALLEE
ELECTRONICS, Inc.

246 W. Main St.
Leola, PA 17540
(717) 661-7041
dallee.com