14.5mm

33.5mm

4.5mm

H0 track with bedding

Close terminal of turnout drive
Throw terminal of turnout drive
Common terminal of turnout drive

Close
Throw
Comm

Power LED

Optional CDU
+ terminal
- terminal

RL

RR

SZILITRONIC
STG0

P1

Right track (swappable)
Left track

CV descriptions

CV name	CV#	Default value
Primary address	CV1	1
Output pulse time (10 ms)	CV2	50
CDU recherge time (10 ms)	CV3	30
Active state	CV4	1
Extended address	CV9	0
Reset address	CV8	0

The address of the decoder is CV9 x 64 + CV1. The default address is 1. It is recommended to rewrite CV1 and CV9 on the programming track and test it before using the decoder. Due to how some turnout drives implement the Close -Trow connections, and the lack of identifications for some drives, test the wiring of the close and throw terminal and swap the wires if the other orientation is used.

Operating conditions and specifications

Operating voltage	12-18 V
Absolute maximum voltage	25 V
Maximum output current	1.5 A
CV Read operations	Disabled
Number of turnouts	1
Recommended scale	H0, OO, N, TT
Working temperature	0—70°C

SZILITRONIC

https://github.com/tszaboo/szilitronic/tree/main/STG0

Szilitronic DCC Turnout controller
STG0