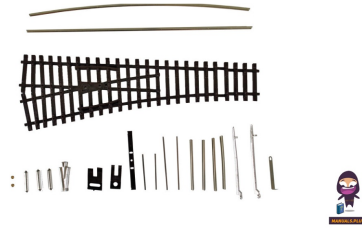


TILLIG TT-Model Track EW 1 Track Simple Switch Left 129,5mm Kit



TILLIG TT-Model Track EW 1 Track Simple Switch Left 129,5mm Kit Owner's Manual

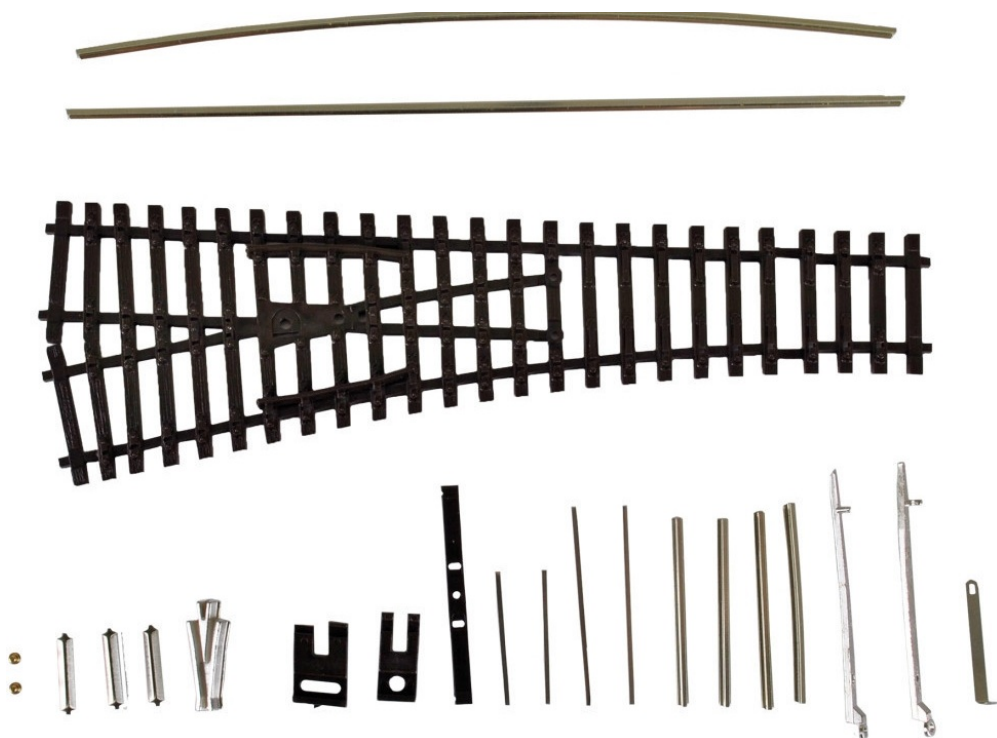
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TILLIG TT-Model Track EW 1 Track Simple Switch Left 129,5mm Kit



Product Information

Specifications

- **Model:** TT-Modellgleis EW 1
- **Length when fitted:** 129.5 mm
- **Branch radius:** 353 mm
- **Operation with** double coil drives item no. 83531/83532
- **Operation with** two motorized underfloor drives item no. 86112
- **Max current:** 50 mA

Product Usage Instructions

Assembly

- Before starting to assemble, please ensure all parts are present by comparing them with the building instructions. Complaints about incorrectly assembled kits cannot be accepted.

Points Geometry

- The length when fitted is 129.5 mm, and the branch radius is 353 mm.

Operation

- For operation with double coil drives item no. 83531/83532, use the option of points feedback. For operation with two motorized underfloor drives item no. 86112, use the option of frog polarization and points feedback.

Detailed View

- Refer to the detailed view of the actuating rod and cover for specific components.

FAQ

Q: What should I do if I have complaints about the assembly?

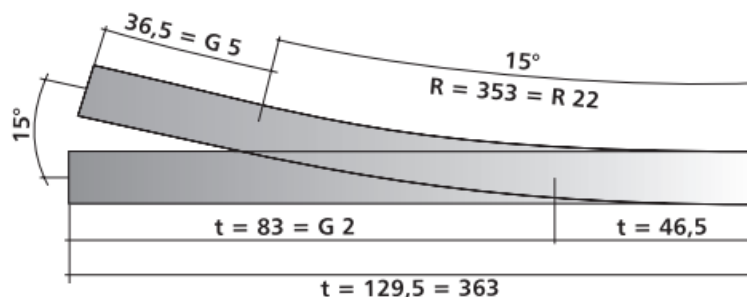
- **A:** Make sure to check all parts before assembling and compare them with the building instructions. Contact customer support for assistance.

Q: Can I operate the product with different drive items?

- **A:** Yes, you can operate it with double coil drives item no. 83531/83532 or with two motorized underfloor drives item no. 86112, following the specified options for each.
- Before starting to assemble, please check that all parts are thereby comparing them with the building instructions.
- Complaints about assembled or partially assembled kits cannot be accepted!
- **Item no** Points EW 1, right
- **Item no.** Points EW 1, left

Points geometry

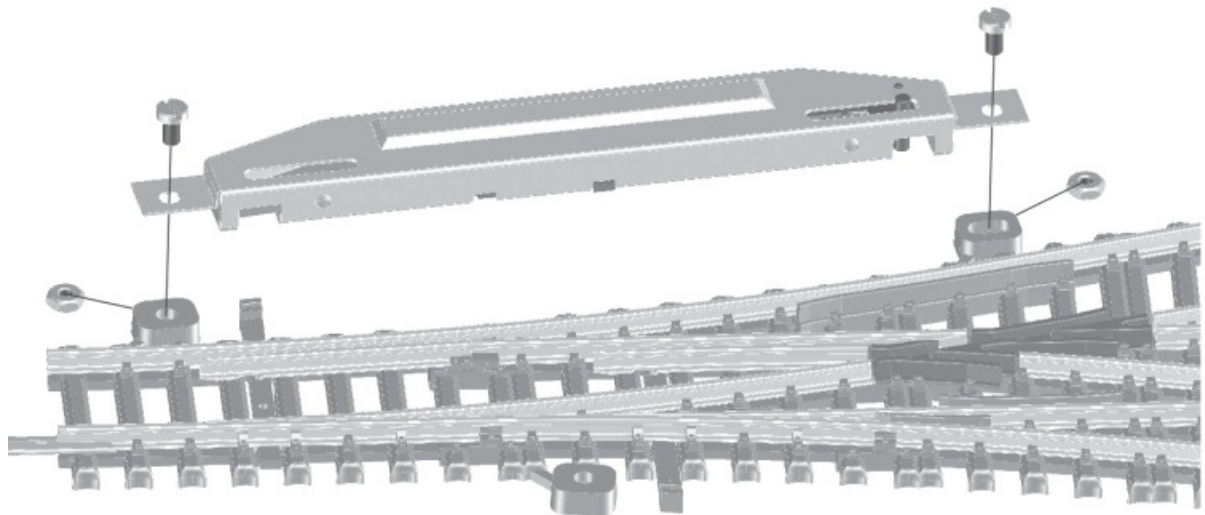
- **Length when fitted:** 129,5 mm
- **Branch radius:** 353 mm
- **Theoretical frog angle:** 11,18°



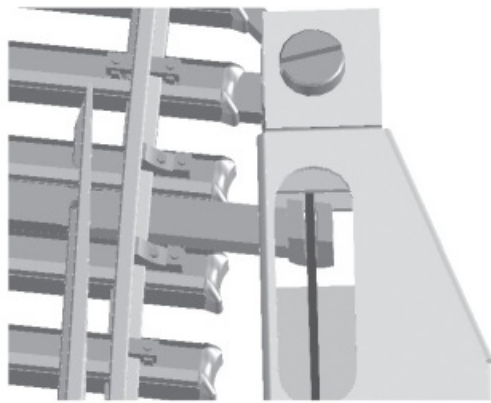
- The operation of the simple track EW 1 can be accomplished with an electric point machine for upper-floor operation, or with a motoric point machine for below-floor operation (Item No. 86112).
- In the case of using upper-floor mounted electric point machines, either a right (Item No. 83531) or a left (Item No. 83532) point machine is to be used.
- Further, there is also the possibility to operate the switch with a hand-operated point machine on the right, Item No. 83533, or a hand-operated point machine on the left, Item No. 83534.
- Except for the centerpiece, the simple switch is energized in all areas.
- If necessary, it is possible to polarize the centerpiece. The potential free switch of the motoric below-floor point machine can be used here.
- For upper-floor drives, the polarization (Item No. 08414 or 08415) must be performed by an additional bi-stable relay. For recommended wiring, refer to this manual.

INSTALLATION INSTRUCTION

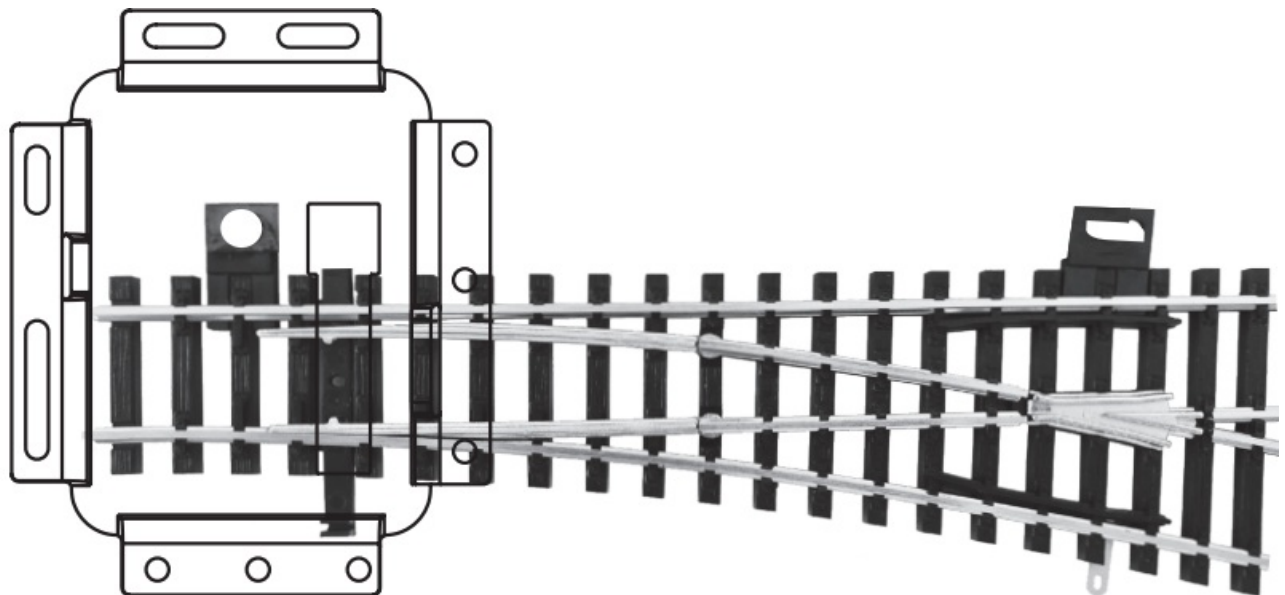
- **Installation of an electric turnout drive** Item no. 83531 / 83532



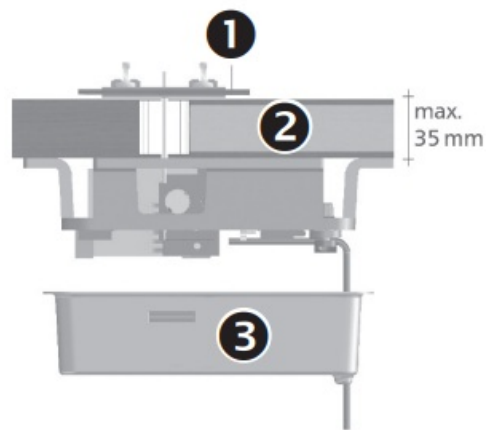
- **Installation of a motorized turnout drive** Item no. 86112



- Detailed view of actuating rod

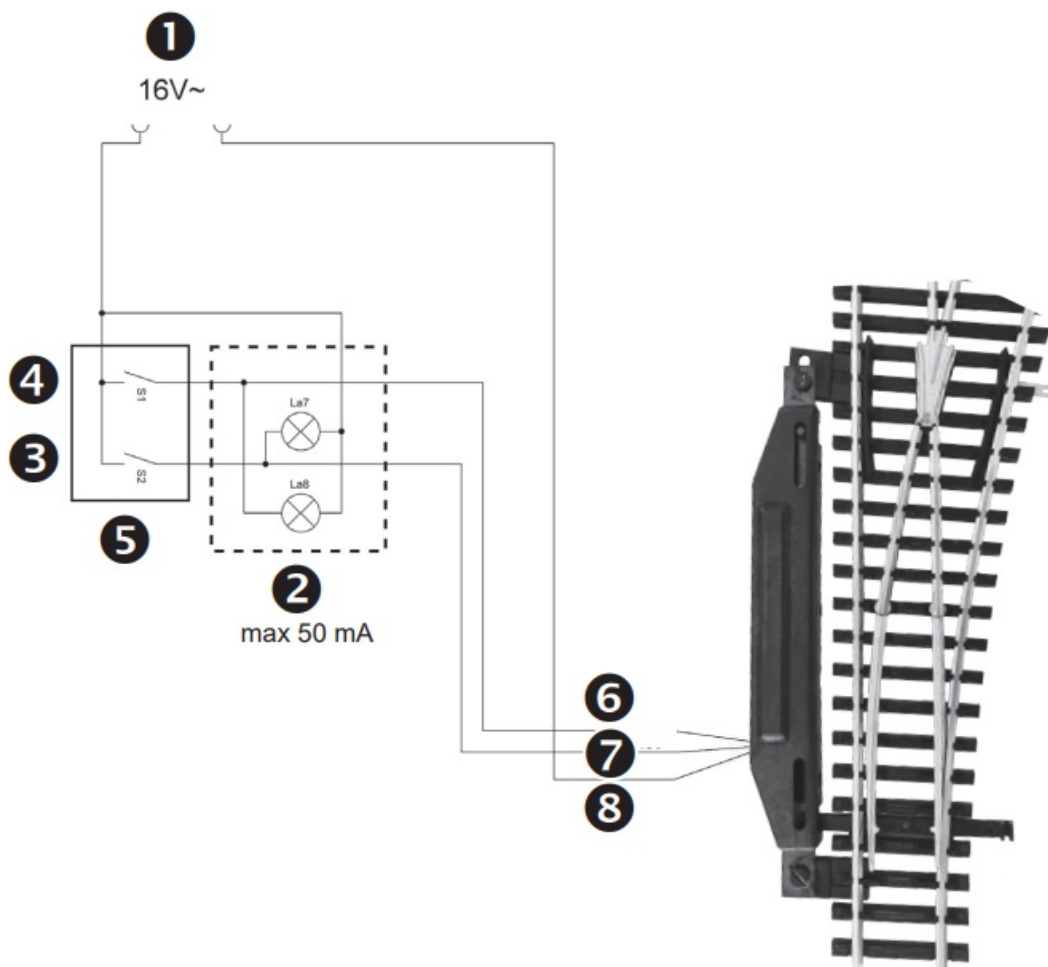


1. Adjusting lever
2. Model railway board
3. Cover



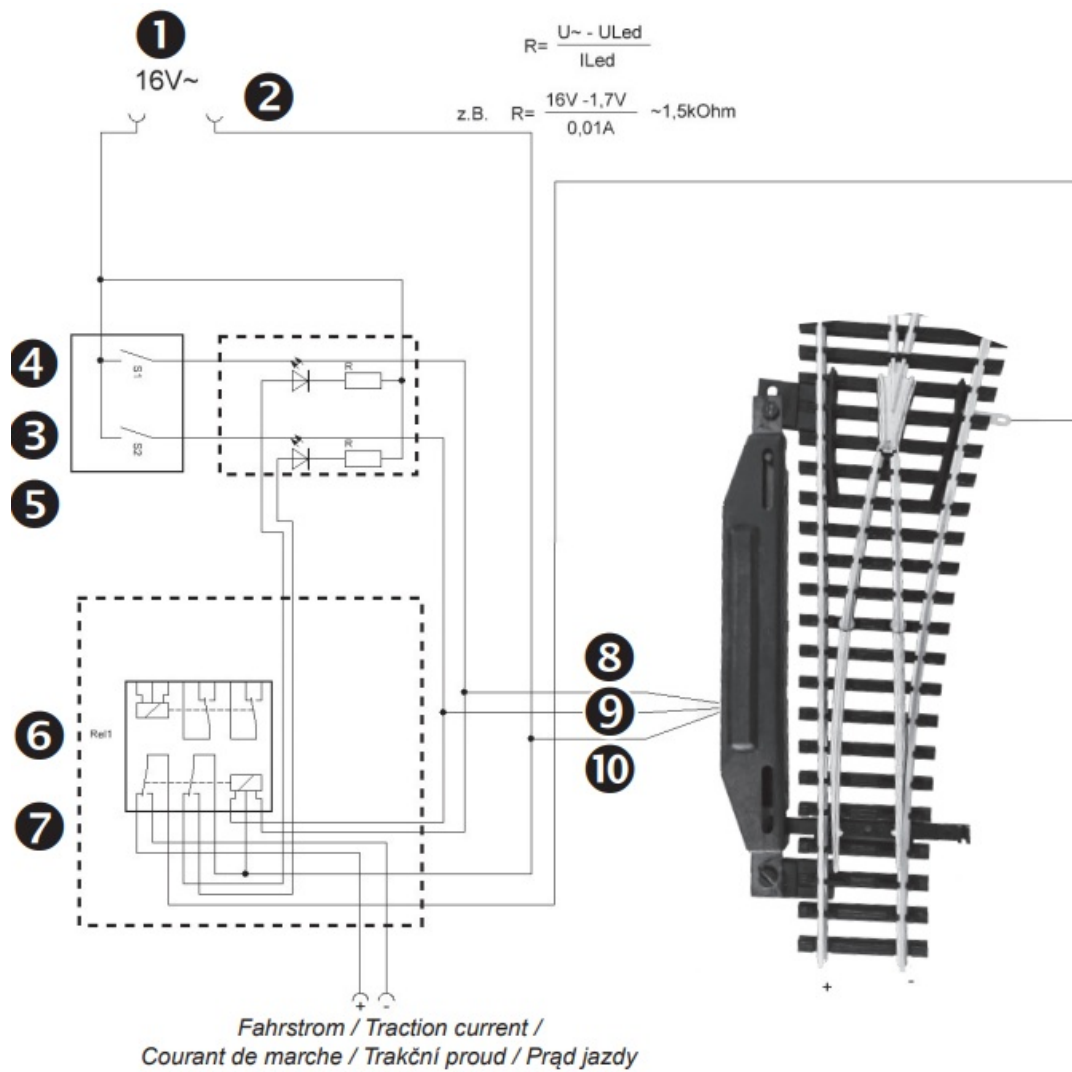
Connection examples

- Operation with double coil drives item no. 83531/83532 and with the option of points feedback.



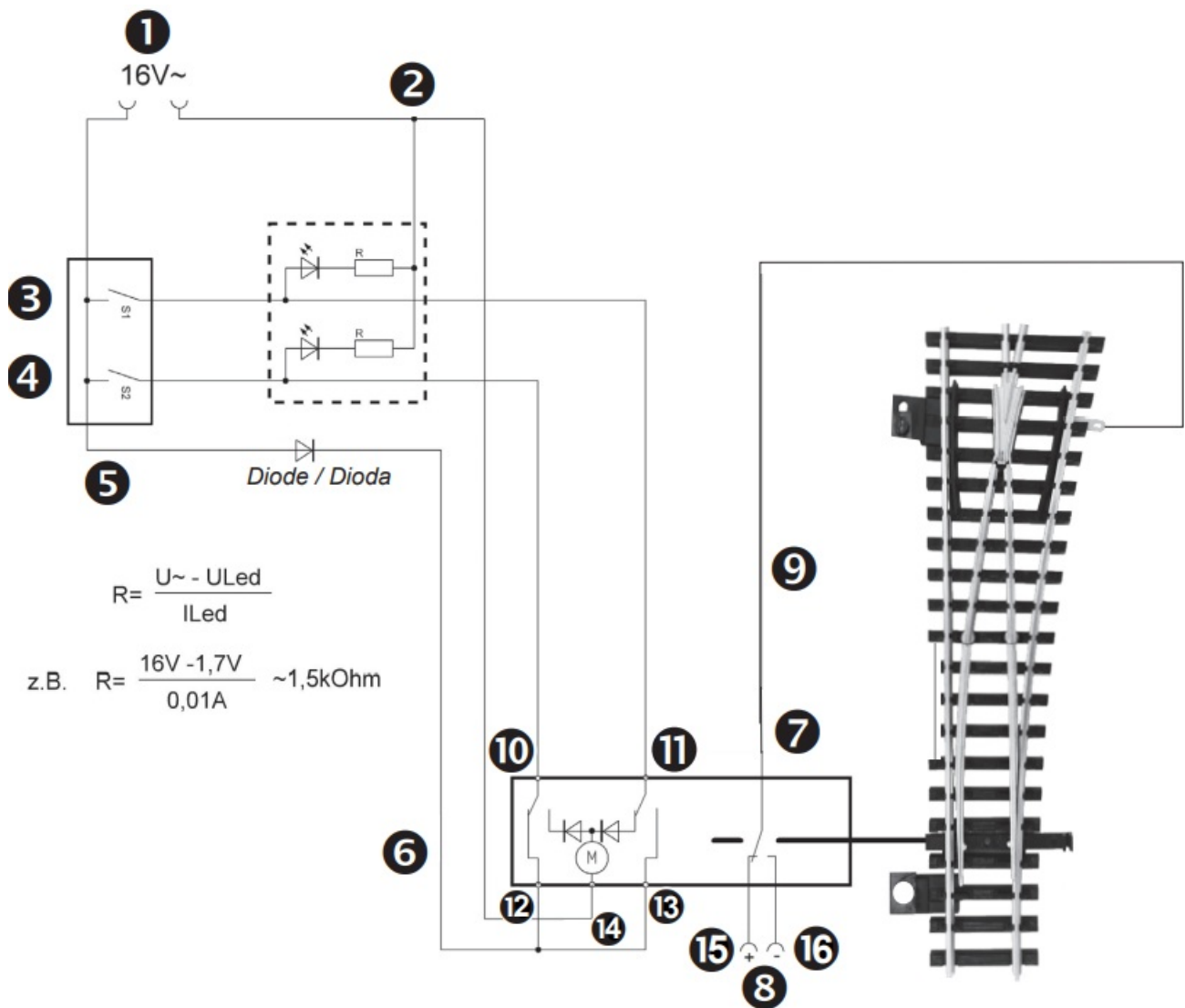
1. Transformer accessory 08122
2. Feedback optional
3. Straight
4. Junction
5. Control box 08211
6. Red
7. Green
8. Black

- Operation with double coil drives item no. 83531/83532, with the option of frog polarisation and points feedback.



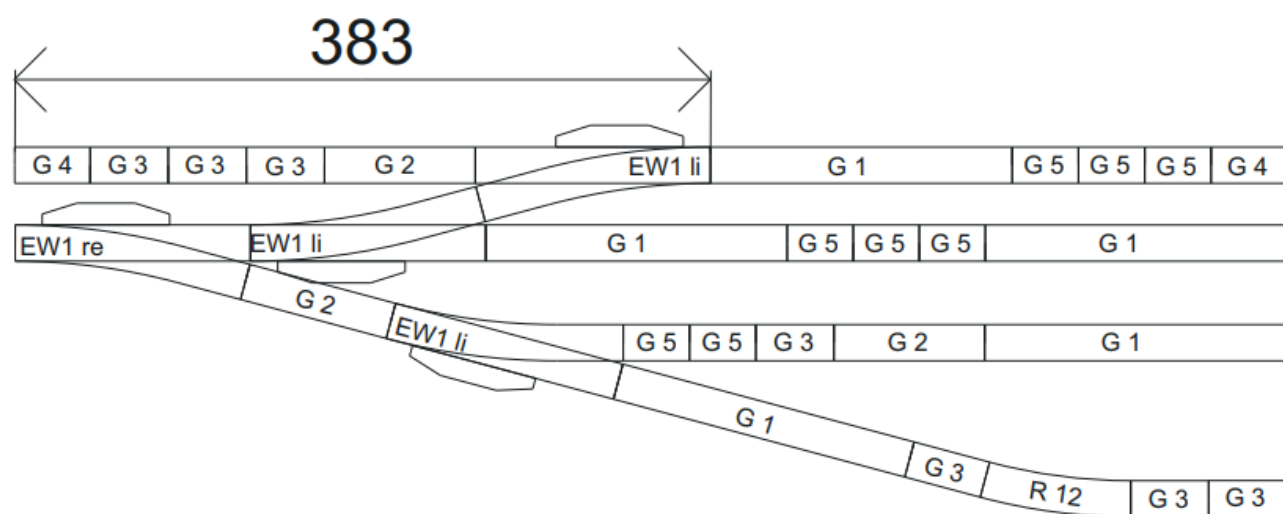
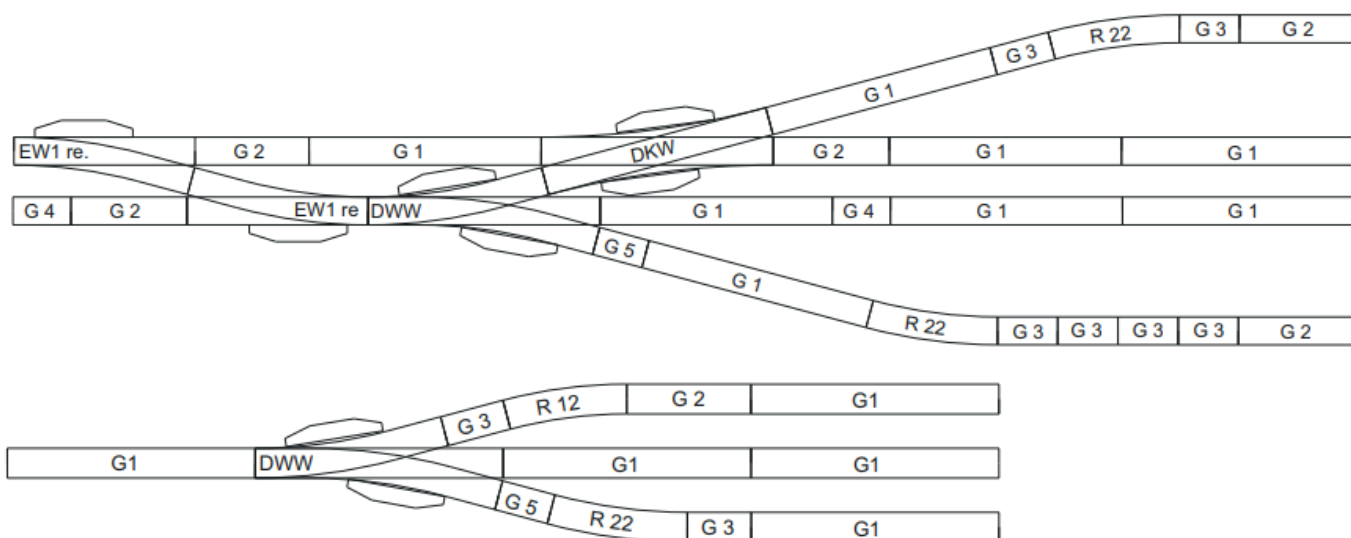
1. Transformer accessory 08122
2. Feedback optional
3. Straight
4. Junction
5. Control box 08211
6. Frog polarisation optional
7. / Relay 1/2 08414
8. Red
9. Green
10. Black

- Operation with two motorized underfloor drives item no. 86112 with the option of frog polarisation and points feedback

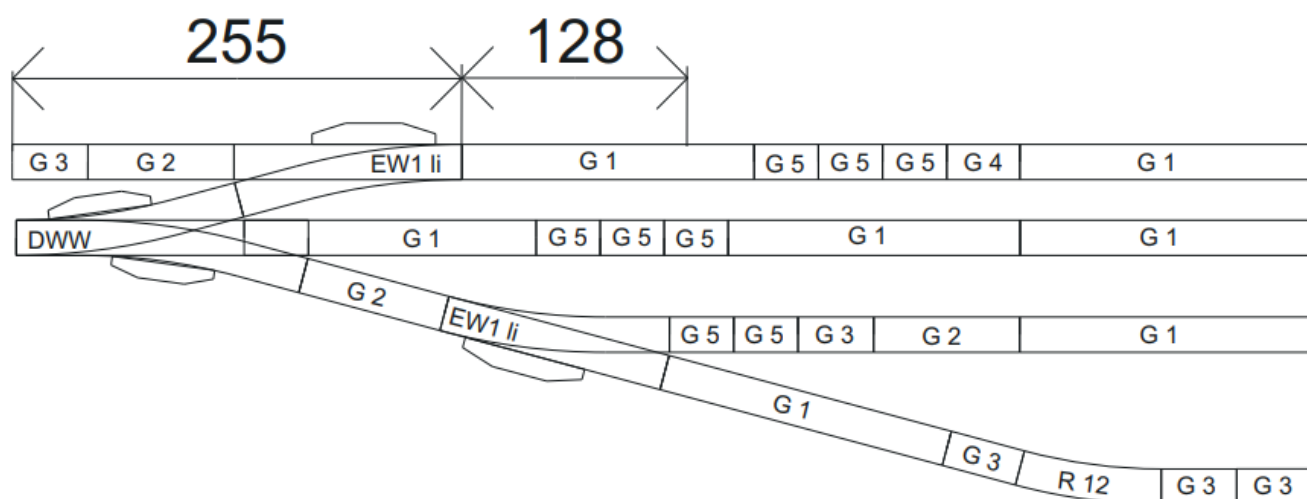


1. Transformer accessory 08122
2. Feedback optional
3. Straight
4. Junction to the right
5. Control box 08211
6. Underfloor drive 86112
7. internal potential-free reversing switch
8. Traction current
9. White
10. Yellow
11. Pink
12. Grey
13. Green
14. Red
15. Brown
16. Blue

Examples of possible track developments



- When using the three-way turnouts the track length that can be used is extended by 128 mm.




- Subject to technical changes! Please contact your dealer if you have any complaints
- Not suitable for young people under the age of 14 due to the small parts that can be removed and swallowed and the risk of injury due to function-related sharp corners and edges.



- When this product comes to the end of its useful life, you may not dispose of it in ordinary domestic waste but must take it to your local collection point for recycling electrical and electronic equipment.
- If you don't know the location of your nearest disposal centre please ask your retailer or the local council office.

- **Please note:** This TILLIG product is subject to the statutory warranty entitlement of 24 months from the date of purchase.
- This warranty claim expires if the product is interfered with, modified, or converted after the point of time of the customer acquiring ownership.
- Where vehicles have an integrated interface, claims for warranty can only be asserted if the vehicle concerned is returned in an as-delivered state (without a built-in digital decoder, with a plugged-in interference suppression kit).
- **TILLIG Modellbahnen GmbH**
Promenade 1, 01855 Sebnitz
- **Tel.: +49 (0)35971 / 903-45**
- **Fax: +49 (0)35971 / 903-19**
- **Hotline customer service** www.tillig.com/Service_Hotline.html

Documents / Resources

	<p>TILLIG TT-Model Track EW 1 Track Simple Switch Left 129,5mm Kit [pdf] Owner's Manual TT-Model Track EW 1 Track Simple Switch Left 129 5mm Kit, TT-Model Track EW 1, Track Simple Switch Left 129 5mm Kit, Simple Switch Left 129 5mm Kit, Switch Left 129 5mm Kit, Left 129 5mm Kit, Kit</p>
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References

-  [Hotline Kundendienst - Tillig Modellbahnen](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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