Uhlenbrock Elektronik

Uhlenbrock Transformers

With our transformers you will supply your layouts with a stable output voltage up to their maximum capacity.

Short term overloads are safely compensated. The automatic overload switch protects every transformer from constant overload and/or short circuits.

Electronic Fuse

All Uhlenbrock transformers have an electronic fuse to protect against back voltage, and prevent dangerous voltages developing at the power cable of the transformer. Hence Uhlenbrock transformers are particularly safe to use.

Overload Protection

The overload protection of the 20 075 protects the transformer from damage during overload and short circuit. The power in the entire section supplied by the transformer is switched off. Cut the power feed to the transformer by pulling the power plug out.

Remove the short circuit from your layout and wait until the transformer has cooled down. Depending on the ambient temperature, that can take some hours. Subsequently you can use the transformer on your layout again.

When is the Transformer loaded at capacity?

If the transformer switches off repeatedly without the presence of a short circuit then an overload is the most likely cause.

In this case it is best to reduce the number of loads that are connected to the transformer or add another circuit with a further transformer.

Important Notice

Only supply the transformers with a main power of 230V AC.

Carry all electrical work on the layout with the mains power to all transformers switched off.

Never connect the outputs of a number of transformers together! If using transformers that do not have an electronic fuse, a dangerously high AC back voltage could result at the power plug of one of the transformers.

Some Circumstances are deadly!

Never touch exposed parts of the power plug before switching off the entire layout.

***Tip**: Use a switchable power board to connect your transformers, the connection to, or separation from the mains can then be carried out with this board.*

Supply solenoids and lamps that are connected to a switching track or control desk with the same transformer, otherwise it could result in a dangerous reverse voltage to the system.

Fasten the transformer with four screws only, through the holes that are provided for that purpose.

Under no circumstances are additional holes to be drilled into the casing!

Never carry out repairs to transformers or power cables yourself.

Repairs are only to be carried out by Uhlenbrock Repair Service.

Not suitable for children under 14 years of age. Incorrect use can cause injury from sharp edges and points.

For use only in dry rooms.

Please note this description carefully.

Uhlenbrock Elektronik

Transformer 20 075

Universal transformer for Intellibox, IB-Com, Power 4 and all systems with 12/15V power requirement.
This transformer is suitable for powering digital devices that require power input of 12 or 16 V AC, such as Uhlenbrock, Fleischmann, Märklin, Lenz and for suppling power to lighting or solenoids (turnouts, signals) on analogue model railway layouts.
The 12 V output is for N-Scale, TT and the 15 V connection is intended for H0.

Connection on the low voltage side is done with 3 quick press terminals. We recommend the use of wire with a cross section of 0.75 mm².

Technical Data

Input Voltage	230 V ~, 50-60Hz
Output Voltage	12 V (brown-white terminals)
Output Voltage	15 V (brown-yellow terminals)
Output Current	4.66 A

Transformer 20 155

The power transformer is intended for operating IntelliLight, Power 7 and Gauge 0-IIm model trains.

Under no circumstances should this transformer be used for powering model railway of scales Z-H0!
Short circuits can lead to destruction of wheel sets,
track and electronic devices!

This transformer is suited as power supply for digital devices on model railways of scales 0-IIm, which require a power supply of 17 V AC, such as Uhlenbrock, Lenz, LGB etc. and for supplying lighting or solenoids (turnouts, signals) on analogue model railway layouts of scales 0-IIm.

The transformer has a power switch and a control lamp. Connection on the low voltage side is done with 3 screw terminals. We recommend the use of wire with a cross section of 1.5 mm².

Technical Data

Input Voltage	230 V ~, 50-60Hz
Output Voltage	12 / 17 V
Output Current	8.8 A
Output Power	150 VA

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***Tip**: Use a switchable power board to connect your transformers, the connection to, or separation from the mains, can then be carried out with this board.*

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The 12 V output is for N-Scale, TT and the 15 V connection is intended for H0.

Connection on the low voltage side is done with 3 quick press terminals. We recommend the use of wire with a cross section of 0.75 mm².

Technical Data

Input Voltage	230 V ~, 50-60Hz
Output Voltage	12 V (brown-white terminals)
Output Voltage	15 V (brown-yellow terminals)
Output Current	4.66 A

Transformer 20 155

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track and electronic devices!

This transformer is suited as power supply for digital devices on model railways of scales 0-IIm, which require a power supply of 17 V AC, such as Uhlenbrock, Lenz, LGB etc. and for supplying lighting or solenoids (turnouts, signals) on analogue model railway layouts of scales 0-IIm.

The transformer has a power switch and a control lamp. Connection on the low voltage side is done with 3 screw terminals. We recommend the use of wire with a cross section of 1.5 mm².

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Input Voltage	230 V ~, 50-60Hz
Output Voltage	12 / 17 V
Output Current	8.8 A
Output Power	150 VA