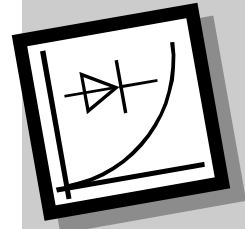
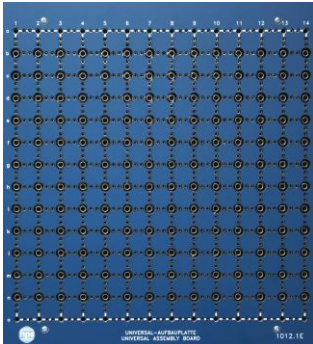


Fundamentals of Electrical Engineering / Electronics



Universal Assembly Board

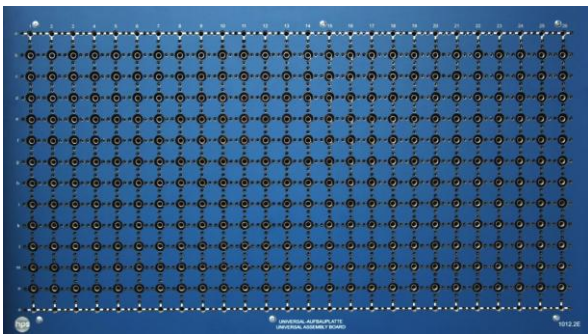
1012.1 E
1012.2 E



Universal Assembly Board Type 1012.1 E

Experiment assembly for different trials for example digitaltechnik modules

NEW!
Useable for 4 mm
safety plugs!



Universal Assembly Board Type 1012.2 E

Experiment assembly for different trials for example basic electronics

- Useable for 4 mm safety plugs!
- For basic and complex experiments in electrical engineering, electronics, analog and digital technology
- Equipped with 4 mm and 2 mm jacks
- High contact load capacity
- Rugged mechanical construction
- Suitable for student exercise and demonstration

The Universal Assembly Board is used in connection with the plug-in components from hps SystemTechnik for solder-free assembly of experiment circuits in all fields of electrical engineering, electronics, analog and digital technology, contained in the hps program.

In addition to its use for demonstration purposes where the Universal Assembly Board is suspended in a rack, it is particularly suitable for equipping student exercise desks.

The Universal Assembly Board enables direct conversion of given circuit diagrams into functional circuits.

This is made much simpler by the circuit symbols which are printed in white on the components to be plugged.

The major advantages of the Universal Assembly Boards are their rugged mechanical construction, the high load capacity of the contacts and the possibility of making connections with miniature plugs below the plug-in components

to save space in the experiment assembly.

The rear of the Universal Assembly Board is protected with a grey plastic cover. Its shape allows the Board to be placed at an ergonomically favourable angle for example on a table.

On the jack field of the Universal Assembly Board, 4 mm jacks are arranged in a 19 mm grid. Each of them is surrounded by and electrically connected to four 2 mm jacks.

Technical Data

- Front panel:
5 mm thick laminate, matt blue in colour, with white printing

- Contact load:
max. 10 A

- Contact resistance:
< 0.03

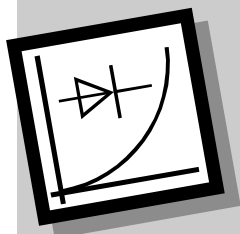
The Universal Assembly Board is available in two sizes:

● Type 1012.1 E

266 x 297 x 90 mm
(Width x height x depth)
weight: 1.25 kg

● Type 1012.2 E

532 x 297 x 90 mm
(Width x height x depth)
weight: 2.4 kg



Experimental Board

1014.1 E
1014.2 E

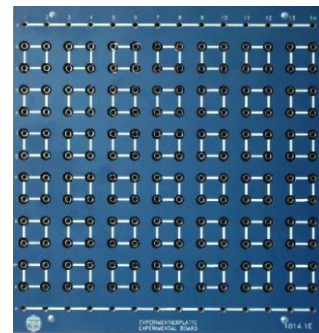
Fundamentals of Electrical Engineering / Electronics

Experimental Board

Type 1014.1 E

Experiment assembly for the fundamentals
of electrical engineering

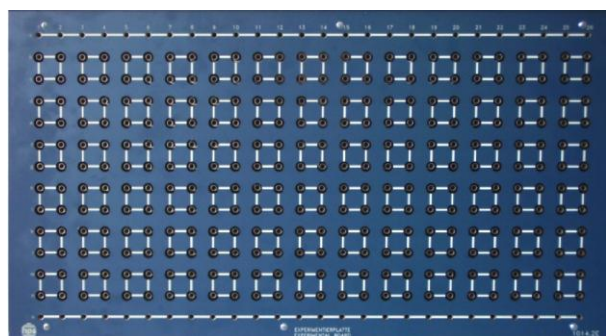
NEW!
Useable for 4 mm
safety plugs!



Experimental Board

Type 1014.2 E

Experiment assembly for the fundamentals
of electronics



- For basic experiments in electrical engineering and electronics
- Equipped with robust 4 mm jacks in a 19 mm grid
- High contact load capacity
- Rugged mechanical construction
- Suitable for student exercise and demonstration

The Experimental Board is used in connection with the plug-in components from hps SystemTechnik for solder-free assembly of simple experiment circuits in electrical engineering and electronics.

In addition to the assembly of demonstration units in which the Experimental Board is suspended in a rack, it is particularly suitable for equipping student exercise and training desks.

The Experimental Board enables direct conversion of given circuit diagrams into functional circuits. This is made much simpler by the circuit symbols which are printed in white on the components to be plugged.

Further major advantages are the rugged mechanical construction and the high load capacity of the contacts.

On the Experimental Board 4 mm jacks are arranged in

a 19 mm grid, electrically connected in groups of four. The electrical connections are marked with white printing on the front of the Board.

The electrical connections necessary for the experiment assembly are made by 4 mm plugs and leads.

Technical Data

- Front panel:
5 mm thick laminate, matt blue in colour, with white printing

- Contact load:
max. 10 A
- Contact resistance:
< 0.03

The Experimental Board is available in two sizes:

• Type 1014.1 E

266 x 297 x 90 mm
(width x height x depth)
weight: 1.2 kg

• Type 1014.2 E

532 x 297 x 90 mm
(width x height x depth)
weight: 2.3 kg