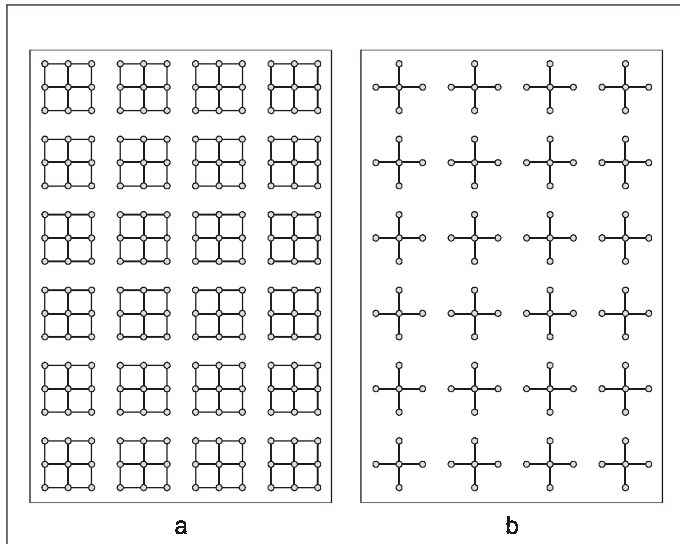


06/05-W97-Set



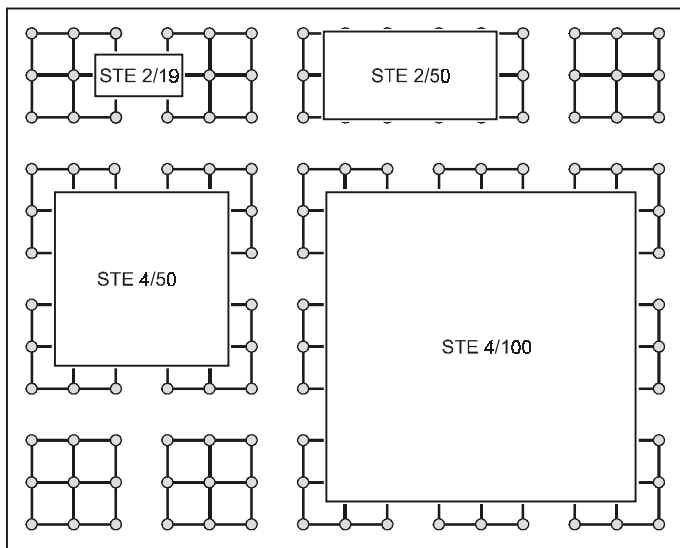
Instruction sheet 576 71

Plug-in board section (576 71),
 Plug-in board A4 (576 74),
 Plug-in board A3 (576 75),
 Plug-in board A2 (580 10),
 Plug-in board 297 × 300 (726 50),
 Plug-in board 634 × 400 (726 54)

- a) Front side
- b) Rear side

1 Description

Plug-in boards form the basis for electric or electronic experiment set-ups involving plug-in elements STE 2/19 and STE 4/50 in student's experiments or STE 2/50 and STE 4/100 in demonstration experiments.



Safety note



It is only allowed to connect safety extra-low voltages to the sockets of the plug-in boards:

- Do not connect DC voltages greater than 60 V or AC voltages greater than 25 V.

2 Assembly

	Demonstration experiment frame (301 300) or Panel frame (726 03)	Vertical assembly	Desk-style inclination
Plug-in board 634 × 400 (726 54)	without aids	—	—
Plug-in board 297 × 300 (726 50)	without aids	—	—
Plug-in board A2 (580 10)	with 1 pair of adapters A2 (726 514)	with 2 vertical stands for plug-in boards (590 12)	—
Plug-in board A3 (576 75)	with 1 plug-in board carrier (301 320)	with 2 vertical stands for plug-in boards (590 12)	—
Plug-in board A4 (576 74)	with 1 plug-in board carrier (301 320)	with 1 pair of board holders (576 77)	with 1 pair of board holders (576 77)

3 Technical data

Conducting cross:	5 sockets
Conducting square:	9 sockets
Capacity between two neighbouring grids:	< 1,5 pF
Contact resistance between two neighbouring sockets:	< 5 10 ⁻³ Ω
Acceptable current load:	10 A
Distance between sockets in a grid:	15,5 mm
Distance between outer sockets of neighbouring grids:	19 mm suitable for STE 2/19
Distance between central sockets of neighbouring grids:	50 mm suitable for STE 2/50, STE 4/50 and STE 4/100

Plug-in board section (576 71):

Front side:	2 × 1 conducting crosses
Dimensions:	100 mm × 50 mm × 24 mm

Plug-in board A4 (576 74)

Front side:	6 × 4 conducting squares
Rear side:	6 × 4 conducting crosses
Dimensions:	300 mm × 200 mm × 24 mm

Plug-in board A3 (576 75):

Front side:	8 × 6 conducting squares
Rear side:	8 × 6 conducting crosses
Dimensions:	400 mm × 300 mm × 24 mm

Plug-in board A2 (580 10)

Front side:	12 × 8 conducting squares
Rear side:	12 × 8 conducting crosses
Dimensions:	600 mm × 400 mm × 24 mm

Plug-in board 297 × 300 (726 50):

Front side:	4 × 6 conducting squares + 6 Buchsenfelder mit 6 Buchsen + 2 Leitungsbahnen
Dimensions:	297 mm × 300 mm × 24 mm

Plug-in board 634 × 400 (726 54):

Front side:	12 × 8 conducting squares
Dimensions:	630 mm × 400 mm × 24 mm