

# #01

POLYRACKTECH-GROUP

# FRONT PANELS

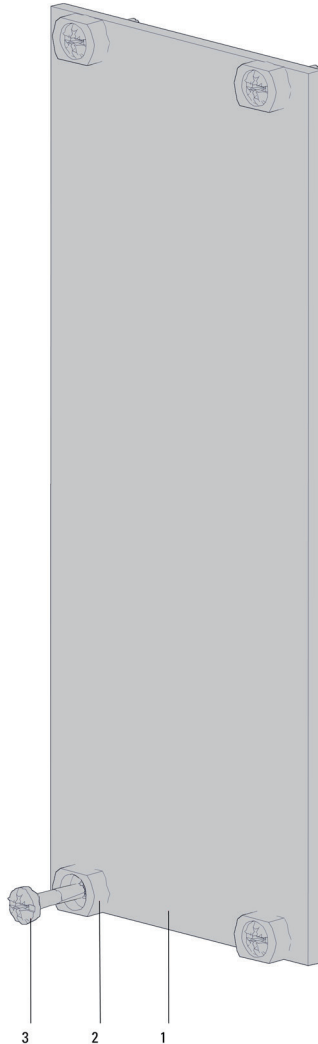
// Product information



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### Product information

These front panels are typically used in subracks for trimming purposes. They are available in various sizes and versions.

### Configuration example

The diagram shows the typical configuration of a front panel (with assembly hardware)

- 1 Front panel
- 2 Metal sleeve\*
- 3 Collar screw\*

Parts marked with \* are not included in the scope of delivery of the basic unit, i.e. they must be ordered separately.

### // Notes on standards, units of measurement and mounting / overall dimensions

#### Inner and outer dimensions

- IEC 60297-3-101
- IEC 60297-3-102
- IEC 60297-3-103
- IEEE 1101.11

#### Unit of height U

Measurement unit for height in 19" rack systems  
1 U = 44.45 mm

#### Increment unit HP

Measurement unit for width in 19" rack systems  
1 HP = 5.08 mm

#### Dimensions specified in ordering tables

The dimensions, in particular those given in U and HP, are specified in relation to the application:

Height  $H = (n (U) \times 44.45 \text{ mm}) - 4.8 \text{ mm}$

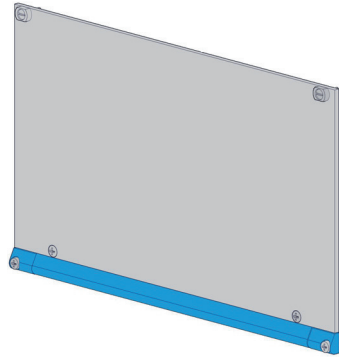
Usable width  $W = (n (HP) \times 5.08 \text{ mm}) - 0.3 \text{ mm}$

The depth  $D$  (in mm) indicates the total depth of the case without handles, connectors, etc.

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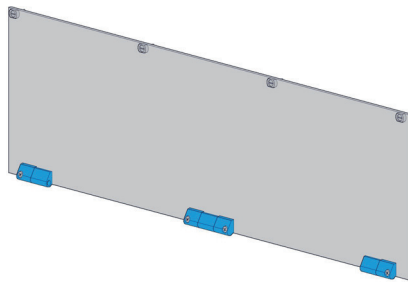
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### Bottom-hinged / side-hinged with hinge extrusion

Front panels with possibility of mounting hinge extrusion



### Bottom-hinged / side-hinged with hinge element

Front panels with possibility of mounting individual hinge elements

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// Basic units

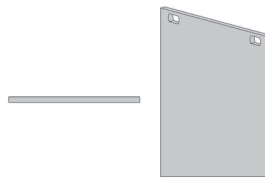
## Basic units

Front panels to fit all products with 19" mounting dimensions. They differ with respect to their shielding concept and hinge technique. There are 5 basic versions available.

## Features of the basic units

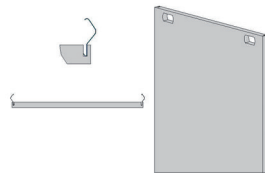
### Standard

Without shielding



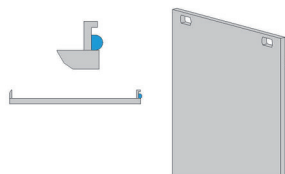
### Future

„EMC spring“ shielding concept  
Front panels with groove on left and right to accept EMC spring.



### U extrusion

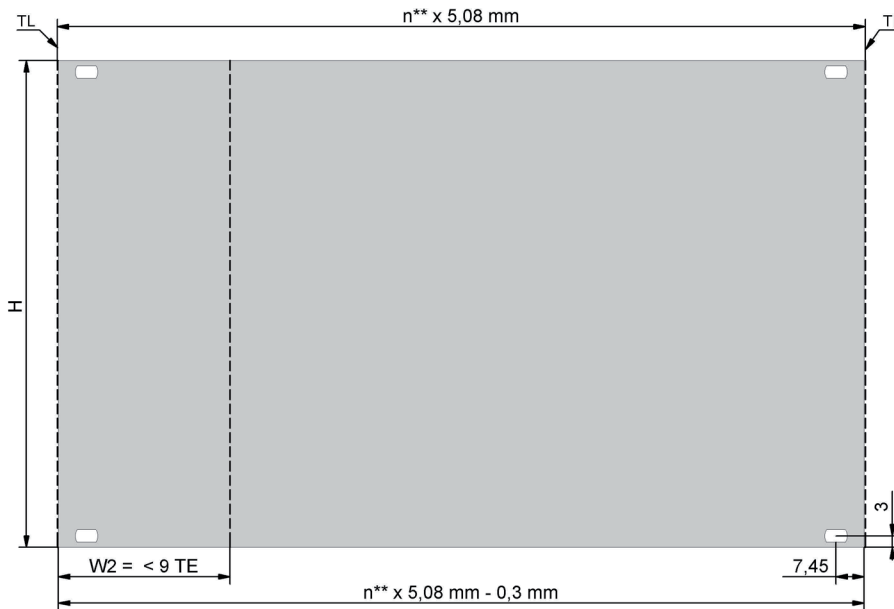
„EMC fabric“ shielding concept  
Front panels with contact edge left and shielding edge right to affix EMC shielding fabric D



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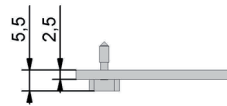
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Dimension diagrams

Front view, standard

W2 = up to a width of 9 HP there are only two mounting holes in the front panel

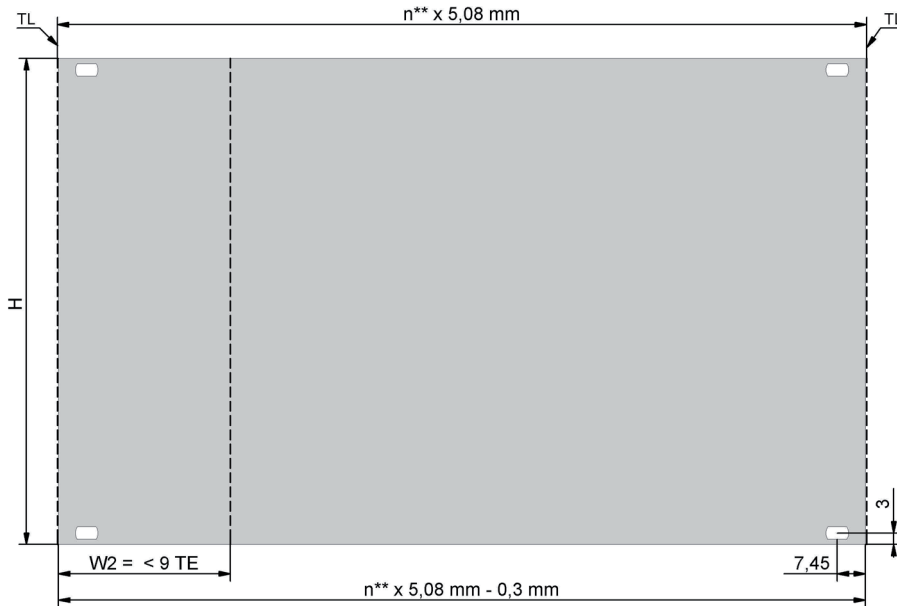


Top view, standard

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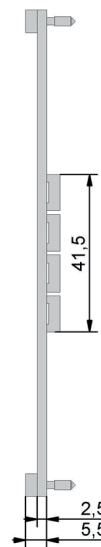
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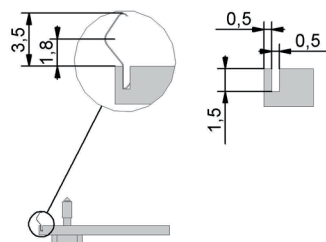


Front view, Future

W2 = up to a width of 9 HP there are only two mounting holes in the front panel



Side view, Future



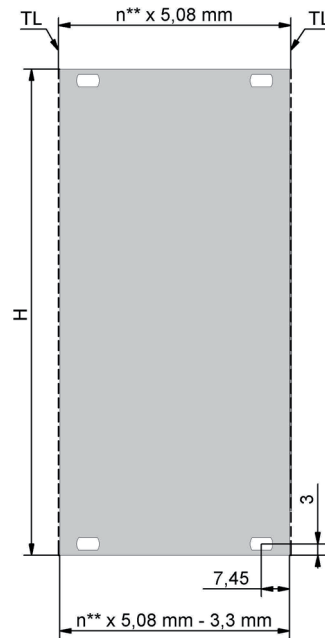
Top view, Future

Groove on both sides

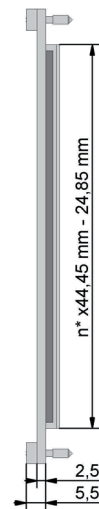
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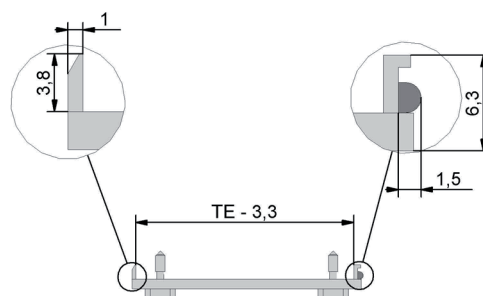
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Front view, U extrusion



Side view, U extrusion

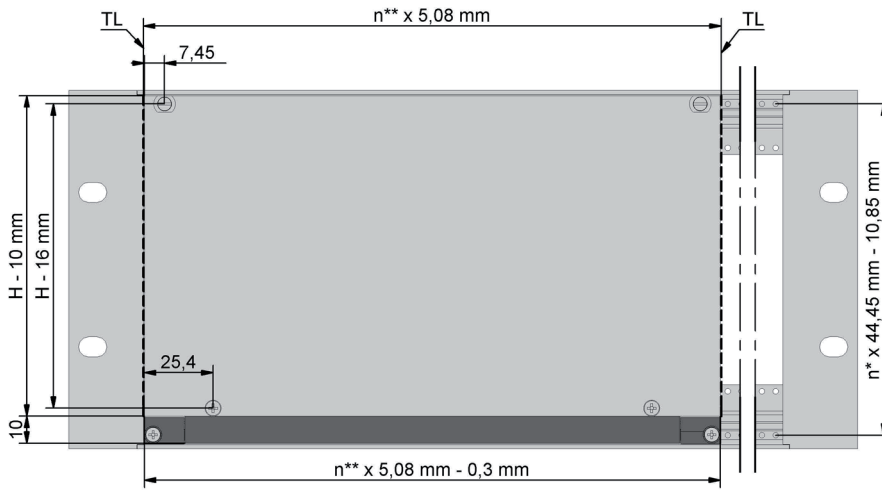


Top view, U extrusion

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Front view, bottom-hinged / side-hinged with hinge extrusion



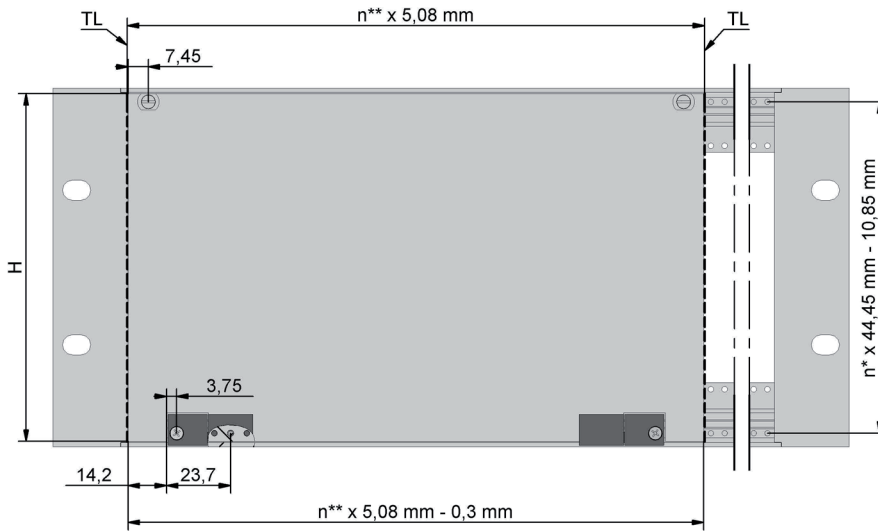
Side view, bottom-hinged / side-hinged with hinge extrusion



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Front view, bottom-hinged / side-hinged with hinge element



Side view, bottom-hinged / side-hinged with hinge element

Dimensions (mm)

	H
3 U	= 128,5
4 U	= 173,0
6 U	= 261,9

\* (U)

\*\* (HP)

TL (partition line)