Cover bracket
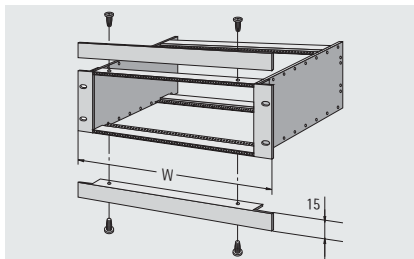
- for subracks in control panels, bracket 15 x 15 x 2
- bracket overlap the cut-out in a control panel

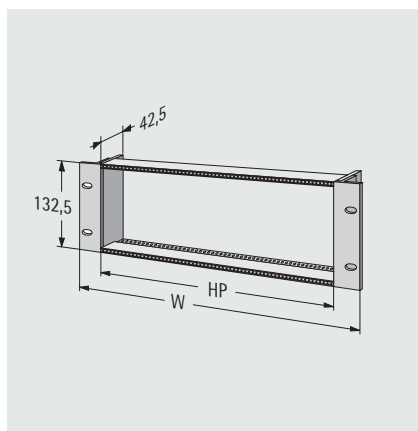| HP	Width W mm	Part no. (1 piece)
84	482,6	240-111
42	269,4	240-112

Note: For the installation of the mounting brackets, additional M3 threads need to be added in the front module rails.
The module rail 241-113 (84 HP) can be used alternatively.

Frame, 3 U

- single row with 2 threaded inserts

Included in delivery

Item	Pc.	Description
1	2	Front bracket
2	2	Module rails, chromated
3	2	Side pieces
4	2	Threaded inserts
5		Assembly material

HP	Width (W) mm	Part no.
84	482,6	242-901
42	269,4	242-911

Frame, 6 U

- single row with 2 threaded inserts

Included in delivery

Item	Pc.	Description
1	2	Front bracket
2	2	Module rails, chromated
3	2	Side pieces
4	2	Threaded inserts
5		Assembly material

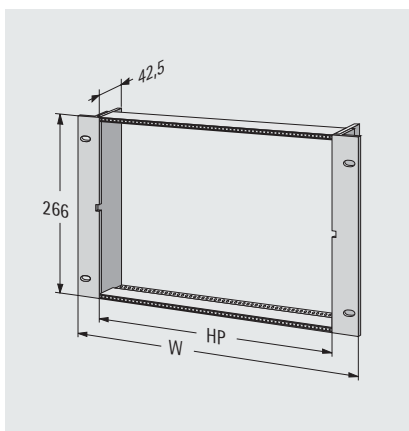| HP	Width (W) mm	Part no.
84	482,6	242-903
42	269,4	242-913

Frame, 6 U

- double row with 4 threaded inserts

Included in delivery

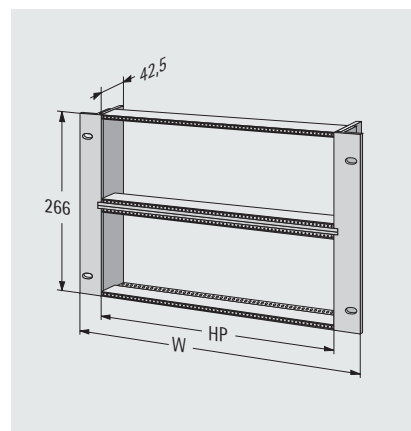| Item	Pc.	Description
1	2	Front bracket
2	4	Module rails, chromated
3	2	Side pieces
4	4	Threaded inserts
5		Assembly material

HP	Width (W) mm	Part no.
84	482,6	242-902
42	269,4	242-912

apra norm
www.apra.de

Sample configuration: 19" frame, 4 U

19" frame, 4 U

- This frame is the ideal supplement for control panel enclosures.
- It can be installed in switch cabinet doors or similar applications.
- available installation height: 3 U / 126 mm
- for installing active components and/ or 100 mm x 160 mm Euroboards
- installed in a 445 mm x 135 mm cut-out and attached on the front using four screws
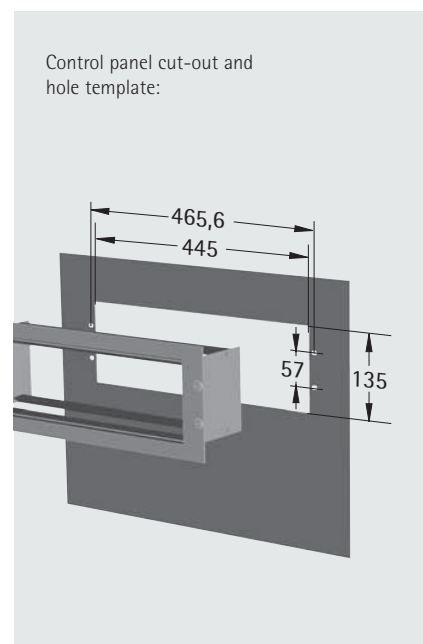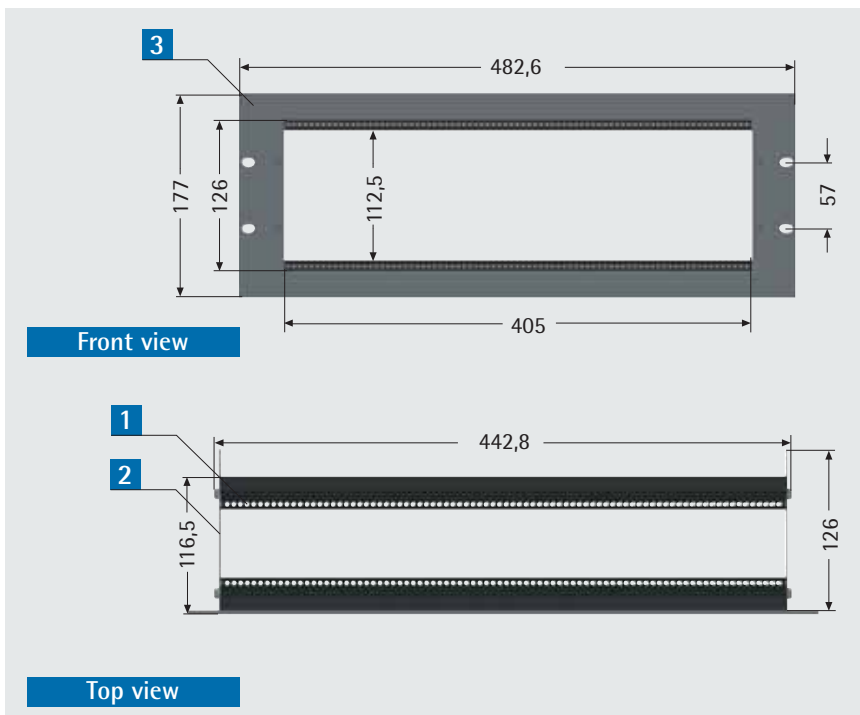
Delivery: kit form

Included in delivery

Item	Pc.	Description
1	4	Module rails profile no. 241-030
2	2	Side panels
3	1	19" front plate d=2.5 mm
4		Assembly material

Order information

Depth mm	Part no.
126	20-1075-00

Other sizes on request!

Specifications

Control panel cut-out and hole template:

Front view

Top view

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19" carrier frame "apra–frame"

- solid carrier frame made of black glass-fiber-reinforced plastic (ABS)
- UL 94 V-2
- 2 integrated 84 HP – threaded rails M 2,5 (optional M3) for holding 3 U electronical components
- The frame is fastened to the cabinet door with four M 6 screws. The cutting edges are covered by the frame.
- optionally avaible: lockable, anti-reflection coated viewing door made from polycarbonate:
    - opens with 170 degree hinge
    - IP 54 protection of the built-in components against dust and moisture
    - protection against unauthorized access
- Individual finish is possible, if desired.
- also avaiable as 19" subrack with alu-minium side panels

Dimensions:

outside dimensions:	178 x 482,6 mm
hole interval:	464 x 101 mm
visible area:	450 x 150 mm
assembly depth:	32 mm
total depth:	86 mm

Delivery: unmounted

Finish: black

Order information

Description	Part no.
Frame with visual cover	24-5754-84
Frame without visual cover	24-5753-84

Description	Part no.
subrack module 3 U/84 HP	24-5754-80

Available Accessories (on request):
- spare key
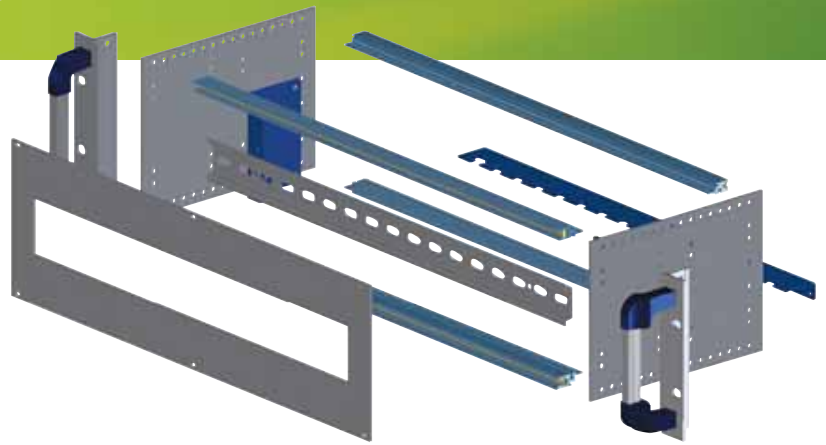- panels for front cover
- 2 threaded rails M 3

Configuration sample

IP protection IP 54

Cnfiguration as subrack with aluminium side panels

side view lock

side view hinges

Delivery

<u>Note:</u> Can not be used with plastic screw holder 25-0697-02 and -05.
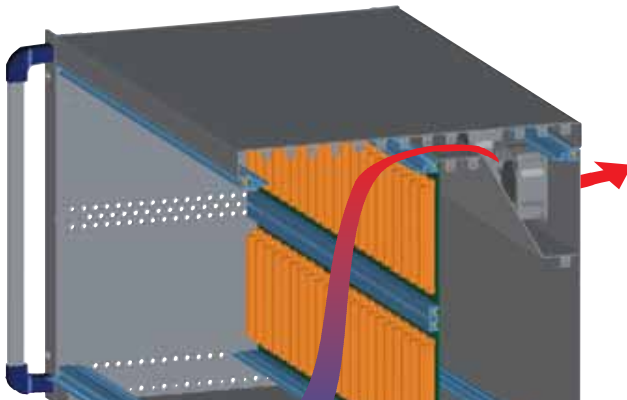
subrack 3 U

- for installation of automatic circuit breakers

customized solutions
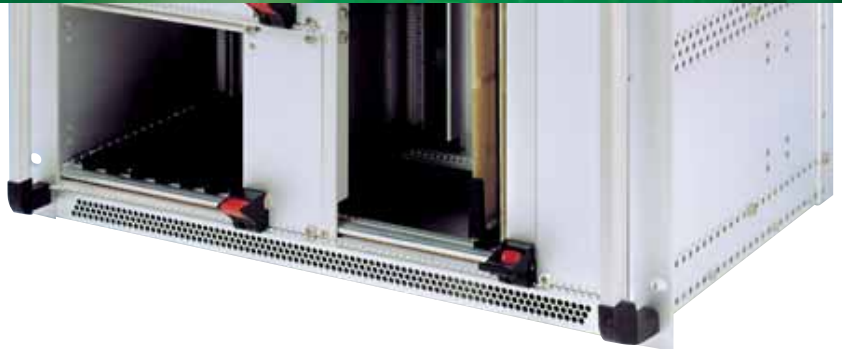
- connectors with frontside access

subrack 4 U

- optimum active cooling from the lower front to the upper rear

subrack 7 U

- optimum active cooling from the lower front to the upper rear

customized solutions