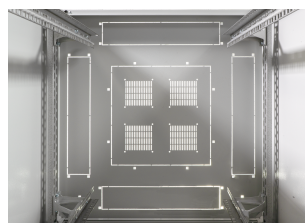


# DATASHEET

## 19" Network Cabinet PRO 42U, 800x800 mm, RAL7035



### General data

The 19" network cabinet PRO from EFB-Elektronik in 800 x 800 mm and RAL 7035 is designed for demanding applications in the network and IT environment. With 42 U, fixed frame and baying-compatible design, it offers a stable basis for the structured installation of active and passive components. The combination of glass door at the front, steel door at the rear and passive ventilation supports practical use in technically clearly defined installations.

- 42U in 800 x 800 mm format – Offers generous installation space with a compact footprint and is suitable for the structured installation of extensive network installations.
- Safety glass front door and steel rear door – Allows visual inspection of the equipment and combines it with robust mechanical protection.
- Passive ventilation with cable entries in the roof, floor and rear door – Supports clean, flexible ducting without active cooling.

The cabinet is designed for installations with increased cabling effort and stable continuous operation. The IP20 protection class, the earthing and the baying-compatible design form the technical basis for use in protected indoor areas. Cable entries in the roof and floor as well as the brush panel on the rear make it easier to disconnect and guide cables. With mounting levels at the front and rear, interchangeable door hinges and the high door opening angles, maintenance during operation is simplified.

### Technical details

- Number of doors: 2

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# DATASHEET

## 19" Network Cabinet PRO 42U, 800x800 mm, RAL7035

- Degree of protection: IP20 according to EN 60529
- Type of ventilation: passive
- Floor air inlet: Break-out opening type A (380 x 380 mm), e.g. for filter or cable entry modules
- With earthing: Yes
- With roof panel: Yes
- With front door: Yes
- With side panels: Yes
- With rear door: Yes
- Mounting level: front and rear
- Front door design: one-piece glass door (certified safety glass, glass thickness 5 mm)
- Front door opening angle: 270°
- Rear door opening angle: 110°
- Front door locking: 3-point bar closure with swing handle
- Rear door locking: 2-point quarter-turn latch
- Replaceable profile half-cylinder in front door: Yes, in accordance with DIN 18252 (30/10 mm)
- Scope of delivery: 1x cabinet, 1 x brush strip, 1 x cage nut set (pack of 20 pieces), earthing rail and earthing cable, 4 x levelling feet M12, 2 x keys
- Packaging: Delivered in transport packaging on a single-use pallet
- Number of rack units (U): 42 U
- Width: 800 mm
- Height: 1963 mm
- Depth: 800 mm
- Max. load capacity: 1000 kg
- Baying compatible: Yes
- Design: with fixed frame
- Rear door design: one-piece steel door
- Front door material: glass
- Rear door material: steel
- Reversible front door hinging: Yes
- Reversible rear door hinging: Yes
- Colour: grey
- RAL number: 7035
- Finish of the surface: powder-coated
- Frame: bolted, completely pre-assembled

| Technical properties    |                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Active air conditioning | False                                                                                                                          |
| Air inlet floor         | Breakout opening type A (380 x 380 mm), e.g. for filter or cable entry modules                                                 |
| Cabinet Series          | PRO                                                                                                                            |
| Cable entry rear door   | 3U panel including brush, opening 690 x 67 mm, usable from the bottom or top                                                   |
| Cable entry roof/floor  | Roof and base each with 4 pre-cut, breakable openings, all around, each 450 x 89 mm (re-sealable with a 19" 2U blanking plate) |

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# DATASHEET

## 19" Network Cabinet PRO 42U, 800x800 mm, RAL7035

|                                  |                                                                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Category                         | 19" network cabinet according to DIN41494                                                                                               |
| Degree of protection             | IP20 according to EN60529                                                                                                               |
| Demountable                      | True                                                                                                                                    |
| Door hinge reversible front door | True                                                                                                                                    |
| Door hinge reversible rear door  | True                                                                                                                                    |
| Door opening angle front door    | 270 °                                                                                                                                   |
| Door opening angle rear door     | 110 °                                                                                                                                   |
| Frame                            | screwed together, completely pre-assembled                                                                                              |
| Material                         | Steel                                                                                                                                   |
| Model                            | With permanent frame                                                                                                                    |
| Modular spacing                  | 482.6 mm (19 inch)                                                                                                                      |
| Mounting level                   | Front and rear                                                                                                                          |
| Number of cartons                | 1                                                                                                                                       |
| PHC replaceable front door       | True, according to DIN18252 (30/10 mm)                                                                                                  |
| PHC replaceable rear door        | False                                                                                                                                   |
| Packaging                        | Delivery in transport packaging on a disposable pallet                                                                                  |
| Scope of delivery                | 1x cabinet, 1 x brush strip, 1 x cage nut set (20 pieces per pack), grounding rail and grounding cable, 4 x M12 leveling feet, 2 x keys |
| Stackable                        | True                                                                                                                                    |
| Surface finishing                | Powder coating                                                                                                                          |
| Type of back door                | Steel door 1-part                                                                                                                       |
| Type of front door               | Glass door 1-part (certified safety glass, glass thickness 5 mm)                                                                        |
| Type of profile rail             | Crank                                                                                                                                   |
| Type of ventilation              | Passive                                                                                                                                 |
| With backside door               | True                                                                                                                                    |
| With earthing                    | True                                                                                                                                    |
| With front door                  | True                                                                                                                                    |
| With roof plate                  | True                                                                                                                                    |
| With sidewall                    | True                                                                                                                                    |
| With socket                      | False                                                                                                                                   |

### Available variants

| ArtNr. | Bezeichnung | Colour | Depth | Front door locking system | Material front door | Material rear door | Max. load capacity | Number of height units | Rear door locking system | With Width glazed door | With vertical cable management | Height RAL-number | Number of doors |
|--------|-------------|--------|-------|---------------------------|---------------------|--------------------|--------------------|------------------------|--------------------------|------------------------|--------------------------------|-------------------|-----------------|
|--------|-------------|--------|-------|---------------------------|---------------------|--------------------|--------------------|------------------------|--------------------------|------------------------|--------------------------------|-------------------|-----------------|

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# DATASHEET

## 19" Network Cabinet PRO 42U, 800x800 mm, RAL7035

|                 |                                                  |       |        |                                                   |       |       |         |       |                                 |        |      |       |         |      |   |
|-----------------|--------------------------------------------------|-------|--------|---------------------------------------------------|-------|-------|---------|-------|---------------------------------|--------|------|-------|---------|------|---|
| PRO-1888GR.G1SV | 19" Network Cabinet PRO 18U, 800x800 mm, RAL7035 | grey  | 800 mm | 1-point latch locking mechanism with swivel lever | Glass | Steel | 1000 kg | 18 U  | 2-point latch locking mechanism | 800 mm | True | False | 896 mm  | 7035 | 2 |
| PRO-2488GR.G1SV | 19" Network Cabinet PRO 24U, 800x800 mm, RAL7035 | grey  | 800 mm | 1-point latch locking mechanism with swivel lever | Glass | Steel | 1000 kg | 24 U  | 2-point latch locking mechanism | 800 mm | True | False | 1163 mm | 7035 | 2 |
| PRO-2488TS.G1SV | 19" Network Cabinet PRO 24U, 800x800 mm, RAL9005 | Black | 800 mm | 1-point latch locking mechanism with swivel lever | Glass | Steel | 1000 kg | 24 U  | 2-point latch locking mechanism | 800 mm | True | False | 1163 mm | 9005 | 2 |
| PRO-3388GR.G1SV | 19" Network Cabinet PRO 33U, 800x800 mm, RAL7035 | grey  | 800 mm | 3-point rod locking mechanism with swivel lever   | Glass | Steel | 1000 kg | 33 HE | 2-point latch locking mechanism | 800 mm | True | False | 1563 mm | 7035 | 2 |
| PRO-4288GR.G1SV | 19" Network Cabinet PRO 42U, 800x800 mm, RAL7035 | grey  | 800 mm | 3-point rod locking mechanism with swivel lever   | Glass | Steel | 1000 kg | 42 U  | 2-point latch locking mechanism | 800 mm | True | False | 1963 mm | 7035 | 2 |
| PRO-4788GR.G1SV | 19" Network Cabinet PRO 47U, 800x800 mm, RAL7035 | grey  | 800 mm | 3-point rod locking mechanism with swivel lever   | Glass | Steel | 1000 kg | 47 U  | 2-point latch locking mechanism | 800 mm | True | False | 2186 mm | 7035 | 2 |

### Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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