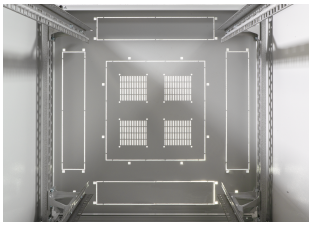
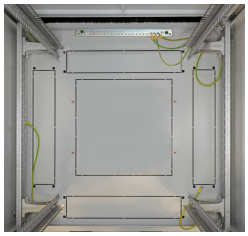
DATASHEET

Network cabinet PRO 42U 800x1000mm RAL7035 Front door 1-part perf., Back Steel









General data

The 19" network cabinet of the PRO series from EFB-Elektronik with 42 U, 800 x 1000 mm and RAL 7035 is designed for demanding applications in the network and IT environment. It combines high mechanical stability with practical equipment for the structured installation of active and passive components.

• Perforated one-piece steel door at the front and one-piece steel door at the rear – Provides a robust design for cabinet closure and matches the mechanically resilient PRO design.
• Passive ventilation and cable entries in the roof, floor and rear door – Enable clean, flexible routing without active cooling.
• Earthing, IP20 and stackable design – Support safe operation and modular expansion in the in-line system.

Technically, the cabinet is based on a bolted, completely pre-assembled frame with offset profile rails in a 19" increment of 482.6 mm in accordance with DIN 41494. The construction is designed for 42 U and a maximum load capacity of 1360 kg. The passive ventilation, the pre-punched cable entries in the roof and floor as well as the mounting levels at the front and rear support the structured installation. This is complemented by the 3-point rod closure at the front, the 2-point quarter-turn latch at the rear door and the replaceable profile half-cylinder to DIN 18252.

Technical details

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DATASHEET

Network cabinet PRO 42U 800x1000mm RAL7035 Front door 1-part perf., Back Steel

- Number of doors: 2
- Degree of protection: IP20 according to EN 60529
- Type of ventilation: passive
- Air inlet floor: 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: perforated one-piece steel door
- Front door opening angle: 270°
- Rear door opening angle: 110°
- Front door locking: 3-point bar closure with swing handle
- Locking of the rear door: 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 one-way pallet

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)
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)

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Network cabinet PRO 42U 800x1000mm RAL7035 Front door 1-part perf., Back Steel

Mounting level	Front and rear
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
Perforation level front door	> 80 %
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	Steel perforated 1-part
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	Width	With glazed door	With vertical cable management	Height	RAL-number	Number of doors
PRO-4280GR.P1SV	Network cabinet PRO 42U 800x1000mm RAL7035 Front door 1-part perf., Back Steel	grey	1000 mm	3-point rod locking mechanism with swivel lever	Steel	Steel	1360 kg	42 HE	2-point latch locking mechanism	800 mm	False	False	1963 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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