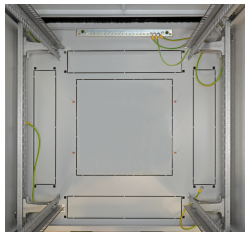
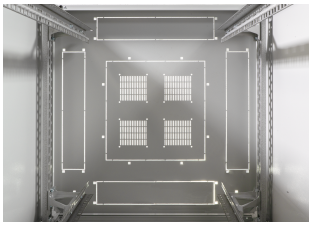
DATASHEET

Network Cabinet PRO 42U, 800x1000 mm, RAL7035











General data

The 19" PRO 42 U network cabinet from EFB-Elektronik in 800 x 1000 mm and RAL 7035 is designed for demanding network and IT installations. The version with fixed frame and bolted, completely pre-assembled frame combines high mechanical stability with practical equipment for active and passive components.

• Front door made of one-piece safety glass – Allows visual inspection of the installed technology while providing robust protection.
• Passive ventilation with cable entries in the roof, floor and rear door – Ensures flexible ducting and supports thermally non-critical operation without active cooling.
• Earthing, IP20 and baying-compatible design – Increases operational reliability and facilitates modular expansion in a rack network.

The cabinet is suitable for installations with high cabling costs and increased space requirements. The cable entries in the roof and floor as well as the rear cable entry facilitate clean cable routing. Thanks to the mounting levels at the front and rear, the replaceable door hinge and the large door opening angles, access to the components remains convenient even during operation. The load capacity of 1360 kg also supports use with heavy loads.

Technical details
• Number of doors: 2
• Degree of protection: IP20 according to EN 60529
• Type of ventilation: passive

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• 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
• 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 single-use 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)
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

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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	Width	With vertical cable management	Height	RAL-number	Number of doors
PRO-2480GR.G1SV	19" Network Cabinet PRO 24U, 800x1000 mm, RAL7035	grey	1000 mm	1-point latch locking mechanism with swivel lever	Glass	Steel	1360 kg	24 U	2-point latch locking mechanism	800 mm	False	1163 mm	7035	2
PRO-3380GR.G1SV	19" Network Cabinet PRO 33U, 800x1000 mm, RAL7035	grey	1000 mm	3-point rod locking mechanism with swivel lever	Glass	Steel	1360 kg	33 HE	2-point latch locking mechanism	800 mm	False	1563 mm	7035	2
PRO-3380TS.G1SV	19" Network Cabinet PRO 33U, 800x1000 mm, RAL9005	black	1000 mm	3-point rod locking mechanism with swivel lever	Glass	Steel	1360 kg	33 HE	2-point latch locking mechanism	800 mm	False	1563 mm	9005	2
PRO-4280GR.G1SV	Network Cabinet PRO 42U, 800x1000 mm, RAL7035	grey	1000 mm	3-point rod locking mechanism with swivel lever	Glass	Steel	1360 kg	42 HE	2-point latch locking mechanism	800 mm	False	1963 mm	7035	2
PRO-4280TS.G1SV	Network Cabinet PRO 42U, 800x1000 mm, RAL9005	black	1000 mm	3-point rod locking mechanism with swivel lever	Glass	Steel	1360 kg	42 HE	2-point latch locking mechanism	800 mm	False	1963 mm	9005	2

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Network Cabinet PRO 42U, 800x1000 mm, RAL7035

PRO-4780GR.G1SV	Network Cabinet PRO 47U, 800x1000 mm, RAL7035	grey	1000 mm	3-point rod locking mechanism with swivel lever	Glass	Steel	1360 kg	47 U	2-point latch locking mechanism	800 mm	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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