



M 3420

Subrack M 3420

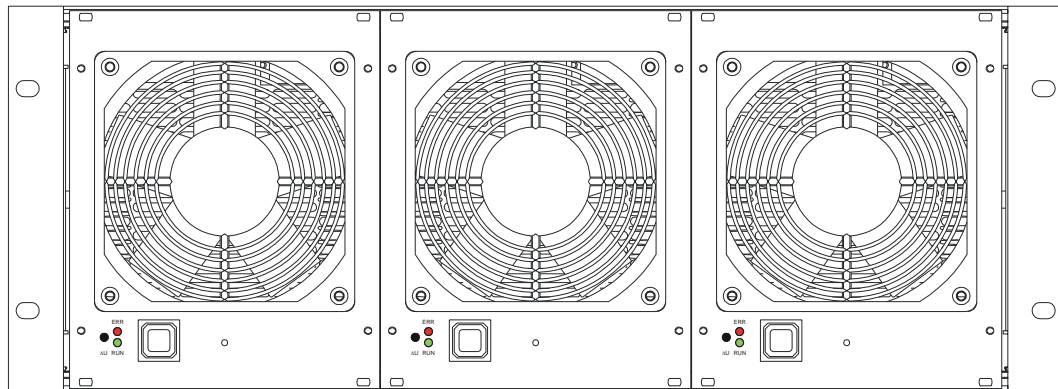
Subrack for the 19-inches system according to EN 60297-3, 4 units high for up to three power supply units PS 1000

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1 Subrack M 3420

1.1 Construction

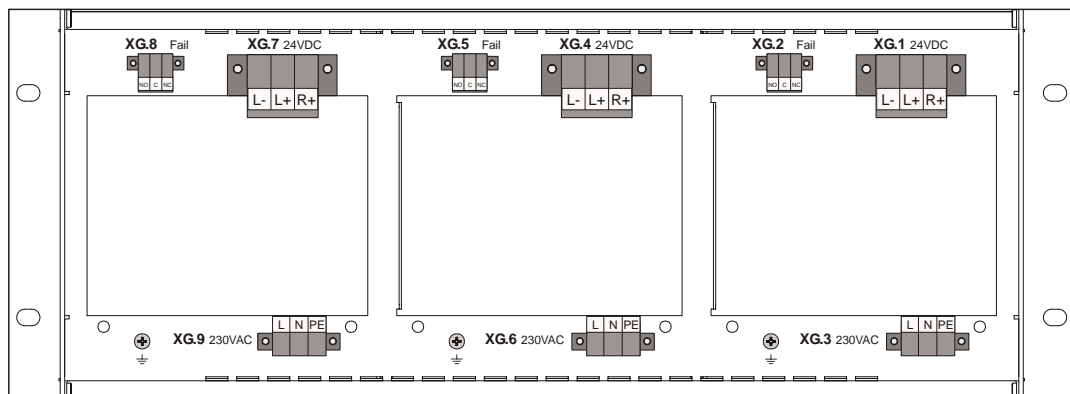


Front view with power supply units (Delivery without power supply units)

Figure 1: Front view subrack M 3420

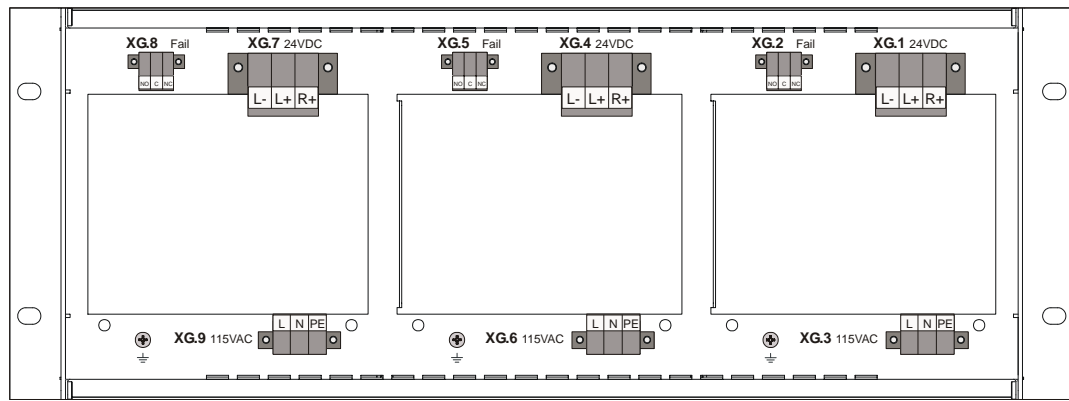
Each power supply is equipped with a fan at the front. It is important for mounting the subrack to ensure an easy air flow at its front and rear.

When a power supply unit is plugged into a slot of the subrack, all connections of it are made automatically via plug-in terminals on the rear of the subrack.



Terminals for separated connection of the power supply units

Figure 2: Rear view (240 VAC)



Terminals for separated connection of the power supply units

Figure 3: Rear view (120 VAC)

Notes for parallel or redundant operation of power supply units

For parallel or redundant operation of the power supply units the concerning terminals R+ are interconnected (with L- as reference pole). Additional decoupling diodes are not required.

Redundant switched off power supply units can be replaced during operation without switching off any other unit.

1.2 Accessories for Subrack M 3420

Cable tray M 4412 for assembly at the rear (top or bottom), with mounting screws	Part no. 60 5240001
Blind plate M 4413 4 units high, 28 spacing units for front covering of an empty slot, with mounting screws	Part no. 60 5240002
Air guide M 7202, 19 inches, 1 unit high with labeling field Use with components built-in below the subrack M 3420	Part no. 78 1990009

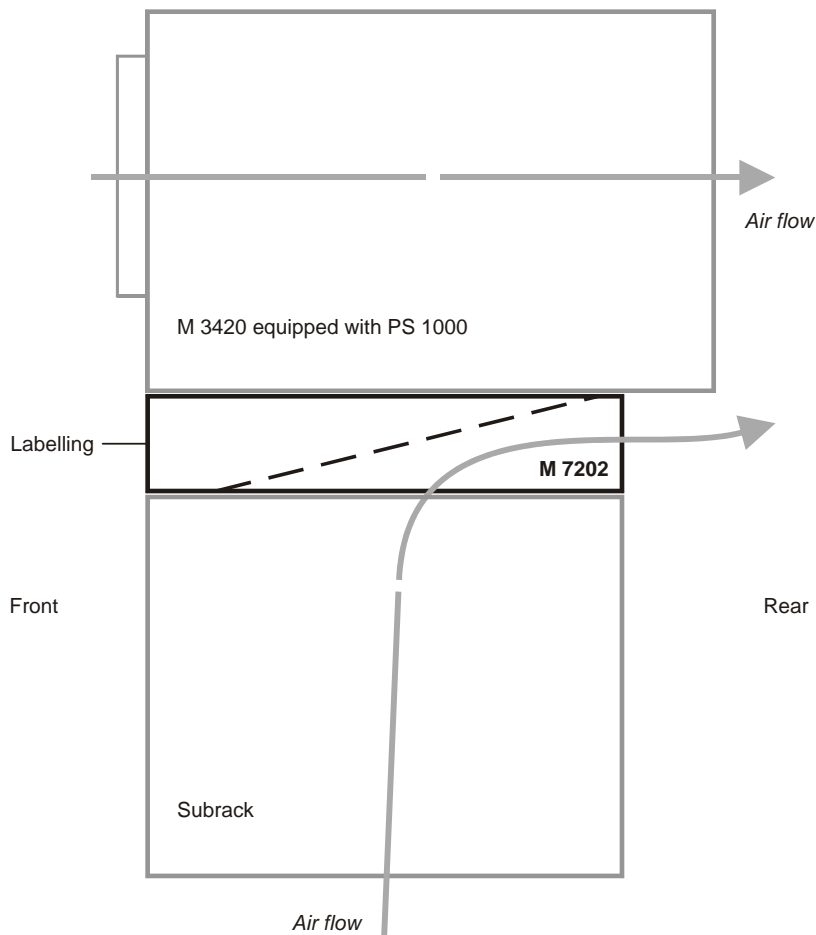


Figure 4: Air guiding with M 7202

1.3 Technical Data Subrack M 3420

Subrack M 3420	
Material	Housing: Steel sheet, galvanized Side walls: Aluminium, surface chromated
Equipment	max. 3 power supply units PS 1000 (24V)
Total load (fully equipped)	120 A continuously (40 A per unit)
Connections	Cross section of terminals per slot: 240 VAC 4 mm ² 24 VDC 10 mm ² Fail 1.5 mm ²
Dimensions	482.6 mm (19 inches), 4 units high
Mounting depth	340 mm (including cable supply)
Weight	approx. 3.3 kg (without equipment)