

Cabinet Series CAB 01



The cabinet series CAB 01 is used to accommodate INDUSTRONIC system components. The cabinets are based on the innovative VX25 series and consist of solid sheet-steel panels which are screwed onto a steel frame section with seal. Optionally, the panels can be removed. There are two cabinet depths available: 600 mm and 800 mm (23.62" and 31.5").

For easier transport, all cabinets are delivered with pre-installed ring bolts on the roof.

Cables are usually inserted through movable bottom plates with seal. Alternatively, the required cables can be inserted from above via the roof.

Mechanical Data

• Enclosure	Sheet steel
• Available dimensions (width x height x depth)	800 mm x 1800/2000/2200 mm x 600 mm (31.50" x 70.87"/78.74"/86.61" x 23.62") 800 mm x 2000/2200 mm x 800 mm (31.50" x 78.74"/86.61" x 31.50") (Special widths available upon request)
• Main color	Light gray (RAL 7035)
• Degree of protection*	IP55 according to EN 60529, IP21 for vented doors, IP20 for cable entry via roof
• Sheet steel thickness of doors	2 mm (0.08")
• Sheet steel thickness of panels	1.5 mm (0.06")
• Paint thickness	60 µm to 120 µm

* The degree of protection is only valid if the outer cabinet enclosure has not been modified. Additional openings or attachments (e.g. ventilation equipment, flashing warning beacons, etc.) on the outer enclosure may result in a lower degree of protection.

Door Variants

Depending on the cabinet type, the available door variants are mounted only at the front or both at the front and rear. Except for double doors, all available doors can be hinged either on the left or on the right. Additionally, they are equipped with a door handle and a safety lock. The door opening angle is 130° up to 240° depending on the door variant.

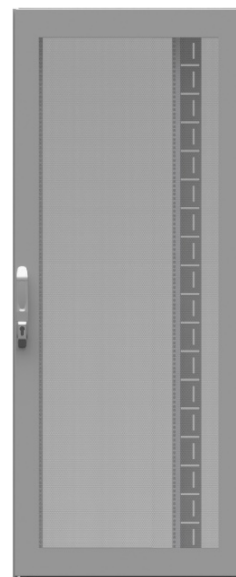
Steel doors are made of 2 mm (0.08") thick sheet steel. Glazed doors come with clear safety glass. Vented doors allow for adequate cabinet ventilation.



Steel door, 130°



Glazed door, 180°



Vented steel door, 130°



Double steel door, 130°



Double glazed door,
240° for single installation,
160° for baying



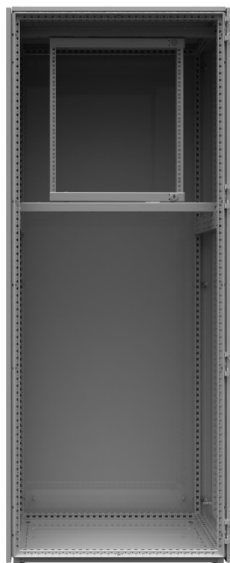
Vented double steel door,
240° for single installation,
160° for baying

19" Configuration

The electronics is mounted into the 19" swing frame or into the fixed 19" mounting frame. We provide swing frames with different heights: 12 RU, 22 RU, 31 RU and 40 RU. The fixed 19" mounting frame has a height of 42 RU.

For convenient mounting of electronic components, each swing frame can be opened by up to 180°. Heavy-duty swing frames have an opening angle of 130°.

Depending on the static load limit of the swing frame, electronic components of up to 120 kg (264.55 lbs) can be installed. A heavy-duty swing frame can even carry a maximum load of 350 kg (771.62 lbs).



Swing frame 12 RU,
max. 90 kg (198.42 lbs)



Swing frame 22 RU,
max. 100 kg (220.46 lbs)



Swing frame 31 RU,
max. 110 kg (242.51 lbs)



Swing frame 35 RU*,
max. 120 kg (264.55 lbs)



Swing frame 40 RU**,
max. 120 kg (264.55 lbs)



Fixed frame***, 42 RU

* Only applicable for cabinets with a height of 1800 mm (70.87")

** Also available as heavy-duty swing frame with a maximum static load of 350 kg (771.62 lbs).

*** Cabinets with a fixed frame additionally require a rear door.

Cabinet Base

Optionally, you can place the cabinets on a cabinet base with a height of 100 mm or 200 mm (3.94" or 7.87") so that there is sufficient space for cable entry at the bottom. The total height of the cabinet increases accordingly.



Depth	Height	Vented	Type number
600 mm (23.62")	100 mm (3.94")		225-301-101
	100 mm (3.94")	x	225-301-301
	200 mm (7.87")		225-301-201
800 mm (31.50")	100 mm (3.94")		225-301-102
	100 mm (3.94")	x	225-301-302
	200 mm (7.87")		225-301-202

Active/Passive Ventilation and Cooling

Vented doors are ideal for passive ventilation of cabinets. For additional cooling, active ventilation systems can be installed if required.



Type	1 FL 04
Description	Temperature-controlled cabinet fan with adjustable temperature threshold
Type number	218-799-410



Type	2 FL 04
Description	Two temperature-controlled cabinet fans with adjustable temperature threshold
Type number	218-799-420



Type	Filter fan 230 V
Description	Filter fan with outlet filter
Type number	070-009-036



Type	Roof-mounted fan 230 V
Description	Fan for roof mounting, 400 mm x 400 mm (15.75" x 15.75")
Type number	070-009-035

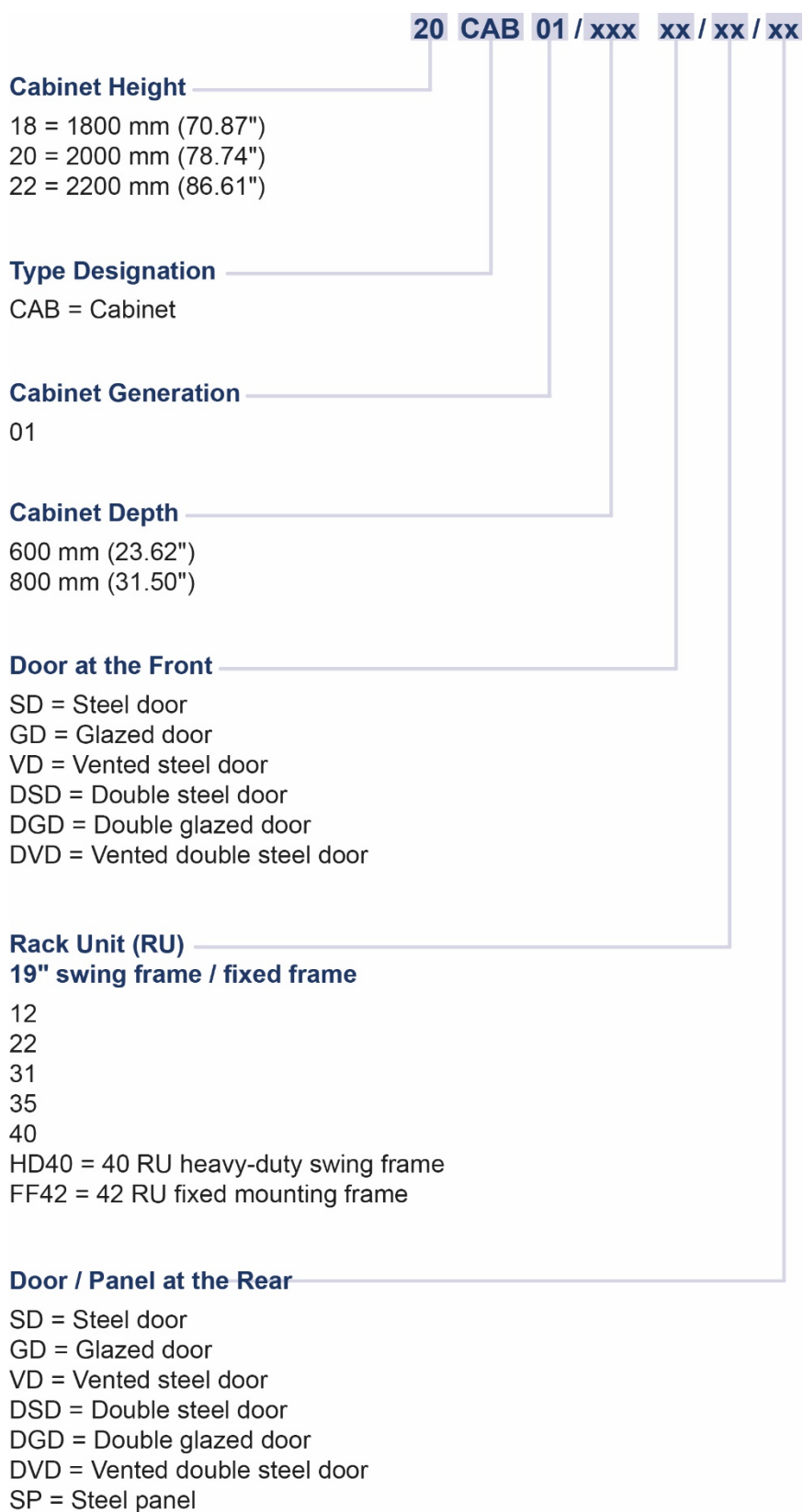
Cabinet Lights

For optimum lighting of the cabinets, different types of cabinet lights are available.



Type	1 SBS 03 DE/GB/US
Description	LED cabinet light with integrated 90° rotatable mains socket, on/off/motion detector mode
Type number	DE: 218-825-000, GB: 218-825-100, US: 218-825-200

Series Overview



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Subject to technical modifications