

Data Sheet for Article: DS428080-B

Network Enclosure Freestanding DS, W800xH1970xD800, 19", 42U

RAL9005 Black



SCHRACK-Info

TECHNICAL DATA

- The frame, the door, the side panels, the roof plate and the base plate are made of 1.0 mm sheet metal. The mounting for the optional castors is made of 2.0 mm sheet metal. All these parts are made of DC01 quality sheet steel. The vertical rails are made of galvanised sheet metal with a thickness of 2.0mm.
- Welded powder-coated sheet steel skeleton
- Height: 42U
- Width: 800mm
- Depth: 800mm
- Colour:
 - Black RAL9005.
- Maximum Load:
 - 15-22U: 300kg
 - 27-47U: 400kg
- Degree of protection: IP20
- 4 mm thick safety glass doors with handsome swing handle. Prepared for half-cylinder type locks. Halfcylinder lock (Order-number: DV900333), Depth= 40mm, Diameter= 17mm, Fixing= M5 Screw, optional available.
- Doors hinged right. Can be changed to hinging on left.
- External hinge system allows up to 180 degree door opening angle.
- Glass doors can be replaced by optional DSRT doors (full metal or perforated, full width or double-wing).

- Removeable and lockable side-panels. Key included. For better passive cooling, side-panels can be replaced by optional perforated side-panels DSRS.
- Removeable and lockable rear-panel. Key included. Rear panel can be replaced by optional DSRT doors (glass, full or perforated metal, full width or double-wing) or by perforated rear-panel DSRR.
- 19" rails (4 pcs.) galvanised, continuously depthadjustable. Numbering of Height-Units (U) by laser for easy readability.
- In 800mm wide DS enclosures, you can choose to adjust the 19" rails to a width of 21".
- In 900, 1.000 and 1.200 mm deep DS enclosures, there is an additional pair of vertical rails installed in half depth. This makes installation of high depth accessories together with standard accessories possible at the same time.
- Space between front vertical 19"-rail and door glass at max. spacing:
 - W600 – 35mm
 - W800 – 50mm
- Space between rear vertical 19"-rail and rear panel at max. spacing:
 - W600 – 35mm
 - W800 – 55mm
- Maximum distance between vertical rails (19"-rails) in free-standing cabinets:
 - W600 x D400 – 310mm
 - W600 x D600 – 510mm
 - W600 x D800 – 710mm
 - W600 x D900 – 810mm
 - W600 x D1000 – 910mm
 - W600 x D1200 – 1110mm
 - W800 x D600 – 470mm
 - W800 x D800 – 670mm
 - W800 x D900 – 770mm
 - W800 x D1000 – 870mm
 - W800 x D1200 – 1070mm
- Maximum usable depth in free-standing cabinets when installed e.g. on shelves:
 - D400 – 375mm
 - D600 – 575mm
 - D800 – 775mm
 - D900 – 875mm
 - D1000 – 975mm
 - D1200 – 1175mm
- Spacing between vertical 19"-rails: 451 mm
- Roof construction with opening, 19" punched. Flexible covered by removable plates of different heights to allow installation of fan-units and cable-entry panels. Remaining opening can be closed by use of one these plates.
 - D400 - Opening: 6U, Covering: 1 x 4U and 1 x 2U
 - D600 - Opening: 8U, Covering: 1 x 4U and 2 x 2U
 - D800 - Opening: 10U, Covering: 2 x 4U and 1 x 2U
 - D900 - Opening: 12U, Covering: 2 x 4U and 2 x 2U
 - D1000 - Opening: 12U, Covering: 2 x 4U and 2 x 2U
 - D1200 - Opening: 12U, Covering: 2 x 4U and 2 x 2U
- Floor construction with opening, 19" punched. Covered by removable plate in full height.
 - D400 - Opening: 6U, Covering: 1 x 6U
 - D600 - Opening: 8U, Covering: 1 x 8U
 - D800 - Opening: 10U, Covering: 1 x 10U
 - D900 - Opening: 12U, Covering: 1 x 12U

- D1000 - Opening: 12U, Covering: 1 x 12U
- D1200 - Opening: 12U, Covering: 1 x 12U
- Roof unit assemblies can also be fitted to floor section. Optional base required.
- Cable entry possible via roof, floor and rear panel. Delivered with demountable or break-out blanking plates.
- Brush strip panel for roof (DBK24800) optional.
- Air vents for passive ventilation.
- Earthing:
 - M8-Earthing point plus 19"-Earthingset in the rear of the cabinet
 - FastOn-Earthing-connections to all dismountable parts pre-installed
- Included assembly materials:
 - 16 x Cage nuts, bolts and washers M6
 - 4 x Levelling feet
- Wide range of available accessories (bases, fan-units, cable entry panels, fixed shelves, patch panels, cable management, PDUs, doors, etc.).
- Enclosure is delivered fully-assembled on a disposable pallet.

Technical Data

Net width (mm)	800,00
Net height (mm)	1.970,00
Netto depth (mm)	800,00
Net weight (kg)	93,80
Min. ambient temperature (°C)	0
Max. ambient temperature (°C)	40
Suitable for HU	42U-1970mm
Colour	RAL 9005 (black)

Article Table

DESCRIPTION	Order No.
Network Enclosure Freestanding DS, W800xH1970xD800, 19", 42U RAL9005 Black	DS428080-B
Optional Accessories	
Base side-profile-pair, D= 800, H=120 for Data enclosure DS RAL9005 Black	DSOT1280-B
Base front-/rear-cover, W=800 f.DS/DSZ/DSS-enclosures RAL9005 RAL9005 Black	DSOF1280-B
Half cylinder lock keyed EK 333 including 1 key including 1x countersunk screw M5x16mm V2A	DV900333S
Roof cable entry with dust protection brush, 2U, RAL9005	DBK24800-B

Article Table

DESCRIPTION	Order No.
Optional Accessories	
Roof fan-unit with 2 fans and thermostat, 19", 4U, RAL9005	DLT44802-B
Black for freestanding enclosures DS/DSZ and DSS	
19" Cable management panel, 5 metal rings 80x40mm, 1U, RAL9005	DBC14805-B
19" Cable management panel, 5 big rings 40x83mm, 1U, RAL9005	DBK14805-B
19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL9005	DFS14845-T
19" PDU, 9xSchuko, Profile ALU 1U, 3m-cable, RAL7035	IU070114-3
19" PDU, 7xSchuko with overvoltage protection, PVC, 1.25U	IU070113
2m-connector cable, RAL7035	
19" PDU, 9x Schuko, switch, 1U, 2m-cable, Black, ALU ALU Profil	Q7070114-A
19" PDU, 7x Schuko, Switch, Overvoltage protection, 1U	Q7070113-A
2m-cable, Black, ALU	
IT METER LINE PDU Passive, IN: CEE 16A Red, OUT: 12xC13, 6xSchuko	HSMPP312
PDU-Holder vertical for 800mm wide DS and DSZ-Enclosures, 1U	DSPDU010
1 PU = 2 pcs., Installation on vertical rail, Assembly material included	
19" Mounting set M6, 50 pcs. each: screw, nut, washer	DSSRA050
19" mounting plate, 14U, sheet steel, perforated including screws and cage nuts	DMP1914
Light unit LED, magnet, 230VAC, with door switch sensor automatically in operation as soon as the door is opened, external PSU	DTLIGHT01
Switch 24xRJ45 10/100/1000, Silent, w/o fan, internal PSU	QLGSW2457
Metal-Chassis, 19"	
Patchpanel 19" empty for 24 modules (SFA)(SFB), 1U, RAL9005	HSE0240SP
Black, single-piece design, patchcord lock down	