Knürr ConAct®

Network wall-mounted housing

Features

- Economical: savings of up to 50% on transport volume and storage space.

- Practical: "one-person" installation as housing is delivered in parts.

- Convenient for laying cables as it can be accessed from all sides; generous lateral clearance space.

- Individual configuration: various modification options available (color, design etc.).

The ConAct® network wall-mounted housing is notable due to its simple and quick "one-person" installation.

The ConAct® wall-mounted housing offers ideal conditions for network distribution. It is delivered in flat-pack sets.

Installing the ConAct network housing involves: Unpacking – and then network installation can begin within minutes.

A. ACT00024

B. ACT00031

C. ACT00030

D. ACT00033

E. ACT00034

F. ACT00033

■ **Economical**
– Savings of up to 50 % of transport volume with flat-pack packaging (see figure A).
– Easily transported and installed thanks to space-saving packaging.
– Small packaging allows for maximized storage space.

■ **"One-person" installation**
– No unnecessary dismantling of housing as it is delivered in parts.
– Rear panel mounted using drill-hole template.
– Easy assembly:
  – Keyhole punching on the rear panel (see figure B).
  – Push-in technology for mounting rails and covers.
  – Symmetrical housing configuration.

■ **Cabling made easy**
– Access from all sides guarantees convenient mounting of the components.
– Open construction design permits easy cable management.
– Organized cable management with spacious lateral clearance area and cable clamping rails (see figures C+D).

■ **Accessories**
– Easy integration of accessories; e.g. socket strips with screw-on points on the vertical extrusion or on the rear panel (see figure E).
– Accessories available for orderly cable management; e.g. cable routing board or cable-routing bracket (see figure F).
– Comprehensive standard range of accessories available; e.g. shelves, drawers, socket strips, etc.

■ **Maintenance-friendly**
– Easy access for servicing is guaranteed when removing the side panels.
– Housing can be locked with security lock.
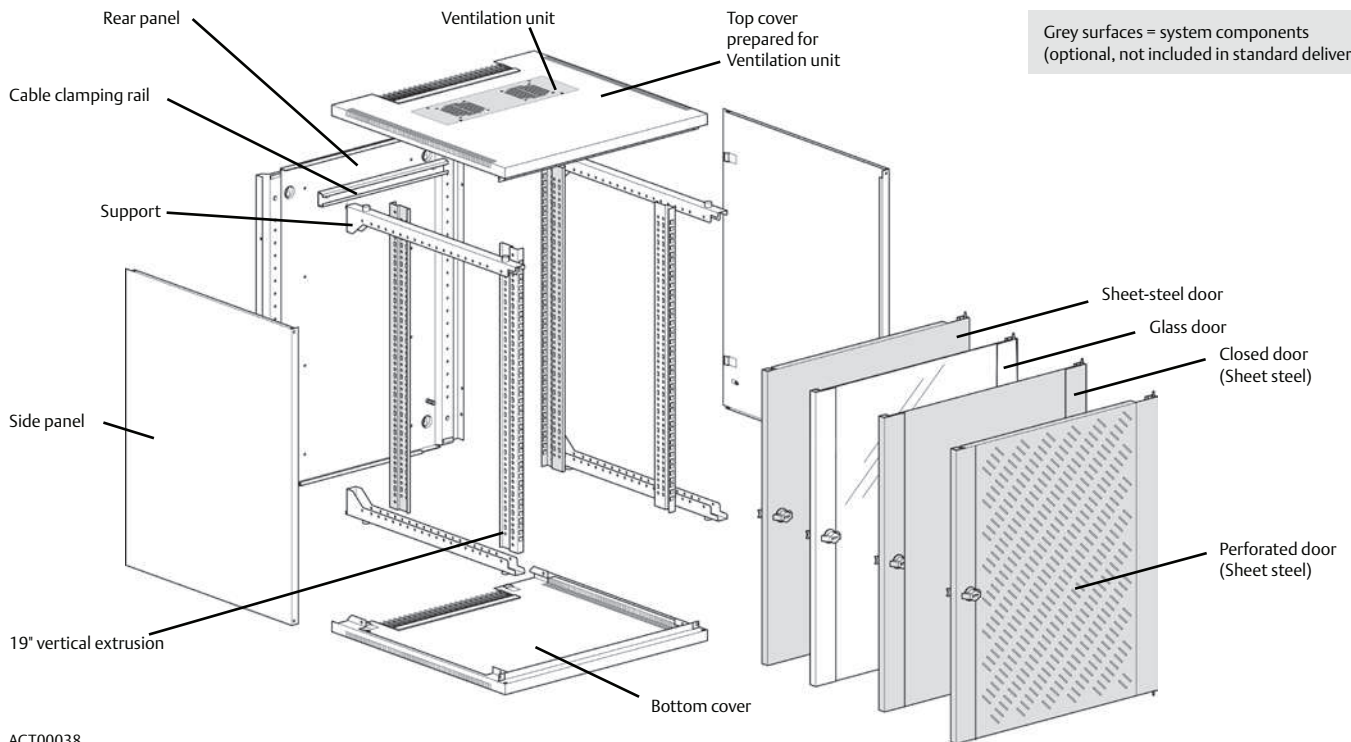– Door opening angle: 180°.

ACT00017

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1. Unpack
ACT00024

2. Mount rear panel
ACT00004

3. Mount supports and vertical extrusions
ACT00005

Rear panel

Cable clamping rail

Ventilation unit

Top cover prepared for Ventilation unit

Grey surfaces = system components (optional, not included in standard delivery)

Support

Sheet-steel door

Glass door

Closed door (Sheet steel)

Side panel

Perforated door (Sheet steel)

19" vertical extrusion

Bottom cover

ACT00038

Knürr ConAct®
Technical data

- **19" installation dimensions as per IEC 297-3**
  – Heights: 6 U / 9 HE / 12 U / 15 U / 18 U / 21 U / 24 U (1 U = 44.45 mm).
  – Widths: 482.6 mm (19").

- **External dimensions**
  – Heights: 352 mm / 486 mm / 619 mm / 752 mm / 886 mm / 1019 mm / 1152 mm.
  – Widths: 600 mm.
  – Depths: 400 mm / 500 mm / 600 mm.

- **Standards**
  – Grounding VDE 0100 T 540, EN 60950, EN 60529.

- **Configurations**
  – Wall mounting.

4. Install cables and components
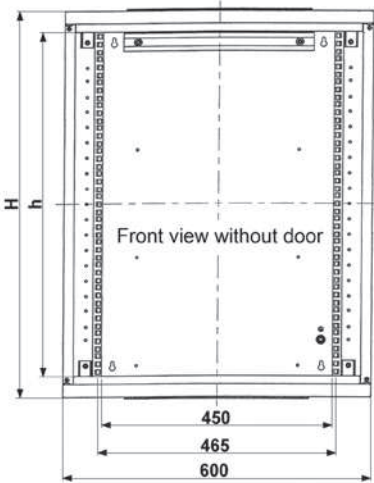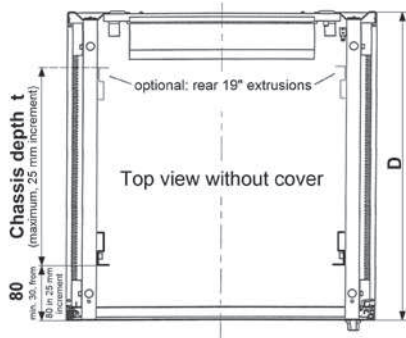ACT00006

5. Fit covers into place
ACT00007

6. Installation is now complete.
ACT00008

Knürr ConAct® Standard 19" Wall-mounted Housing

ACT20053

ACT20041

■ **Description**
– For components compliant with IEC 297-3.
– Accessible from all sides; covers can be removed quickly.
– Cable routing via brush strip on top and bottom covers.
– Ventilation unit, optional (can easily be retrofitted).
– Front door with safety glass, lockable.

■ **Jumpering space**
– 80 mm (minimum 32, > 80 in 25 mm increments).

■ **Load rating**
– 500 N static.

■ **Protection rating**
– IP 20.

■ **Material / Finish**
– Rear panel and basic frame, sheet steel, zinc-passivated.
– Removable covers, powder-coated sheet steel.
– Front door, single safety glass panel, textured.
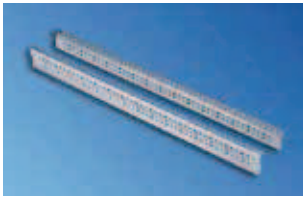– 19" vertical extrusions, zinc-passivated sheet steel.

■ **Color**
– RAL 7035, light-grey.

■ **Standard inclusion**
– 1 x rear panel.
– 4 x mounting rails.
– 2 x 19" sheet-steel vertical extrusions.
– 1 x top cover, prepared for ventilation unit.
– 1 x bottom cover, closed.
– 2 x side panels.
– 1 x glass door.
– 1 x cable clamping rail.
– 1 x Mounting kit.

■ **Delivery**
– In parts.

W	H	D	U	h	d (max.)	kg	Model	Order No.	UP
600	352	400	6	270	235	16	With glass door	**05.010.000.1**	1 unit
600	486	400	9	404	235	19	With glass door	**05.010.001.1**	1 unit
600	619	400	12	537	235	22	With glass door	**05.010.002.1**	1 unit
600	752	400	15	670	235	25	With glass door	**05.010.003.1**	1 unit
600	886	400	18	804	235	28	With glass door	**05.010.004.1**	1 unit
600	1019	400	21	937	235	31	With glass door	**05.010.005.1**	1 unit
600	1152	400	24	1070	235	34	With glass door	**05.010.006.1**	1 unit
600	352	500	6	270	335	18	With glass door	**05.010.007.1**	1 unit
600	486	500	9	404	335	21	With glass door	**05.010.008.1**	1 unit
600	619	500	12	537	335	24	With glass door	**05.010.009.1**	1 unit
600	752	500	15	670	335	28	With glass door	**05.010.010.1**	1 unit
600	886	500	18	804	335	31	With glass door	**05.010.011.1**	1 unit
600	1019	500	21	937	335	34	With glass door	**05.010.012.1**	1 unit
600	1152	500	24	1070	335	37	With glass door	**05.010.013.1**	1 unit
600	352	600	6	270	435	20	With glass door	**05.010.014.1**	1 unit
600	486	600	9	404	435	23	With glass door	**05.010.015.1**	1 unit
600	619	600	12	537	435	27	With glass door	**05.010.016.1**	1 unit
600	752	600	15	670	435	30	With glass door	**05.010.017.1**	1 unit
600	886	600	18	804	435	34	With glass door	**05.010.018.1**	1 unit
600	1019	600	21	937	435	37	With glass door	**05.010.019.1**	1 unit
600	1152	600	24	1070	435	41	With glass door	**05.010.020.1**	1 unit

Dimensions in mm:				Conversion:
W = Width	h = Installation height	U = Standard rack unit	kg = Weight	1 mm = 0.03937 inch
H = Height	d = Usable depth	1 U = 44.45 mm		1 kg = 2.2046 pounds
D = Depth	L = Length	UP = Packaging unit		
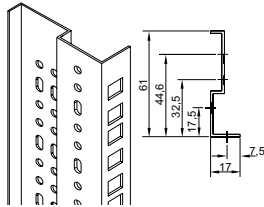
ACT00029

Knürr ConAct®
19" Vertical Extrusion

– Install in front and/or rear of housing.

■ **Material / Finish**
– Sheet steel, 1.5 mm, zinc passivated.

■ **Standard inclusion**
– 2 x vertical extrusions.
– 1 x Mounting kit.

ACT00035

W	H	D	U	h	d	kg	Model	Order No.	UP
			6					**05.010.321.9**	1 set
			9					**05.010.322.9**	1 set
			12					**05.010.323.9**	1 set
			15					**05.010.324.9**	1 set
			18					**05.010.325.9**	1 set
			21					**05.010.326.9**	1 set
			24					**05.010.327.9**	1 set

ACT20058
ACT20056
ACT20059

Knürr ConAct®
Ventilation Unit with Thermostat

– Easy retrofitting of ventilation unit in top cover.
– With two axial fans.
– With thermostat.
– Available in two performance classes.

■ **Material / Finish**
– Zinc-passivated sheet steel.

■ **Technical data for single fan**
Type 1:
– Volume flow (free blowing): 162 m³/h per fan.
– Noise emission (free blowing): 37 dB(A).
Type 2 (quiet):
– Volume flow (free blowing): 120 m³/h per fan.
– Noise emission (free blowing): 32 dB(A).

■ **Technical data for thermostat**
– Setting range: 0 to 60°C.
– Mains supply: 240 V / 50 Hz.
– Nominal current: 16 A.

■ **Color**
– RAL 7035, light-grey.

■ **Standard inclusion**
– 1 x ventilation unit ready for connection.
– 1 x Wired with thermostat.

■ **Delivery**
– Assembled, wired and tested.

W	H	D	U	h	d	kg	Model	Order No.	UP
							Type 1	**05.010.306.1**	1 set
							Type 2 (quiet)	**05.010.307.1**	1 set

ACT20027
ACT20054

Knürr ConAct®
Sheet Steel Door

– Alternative to glass door.

■ **Material / Finish**
– Sheet steel, powder-coated texture.

■ **Color**
– RAL 7035, light-grey.

■ **Standard inclusion**
– 1 x steel door.
– 1 x Mounting kit.

■ **Delivery**
– In sets.

■ **Note**
If required, we also deliver our ConAct wall-mounted housing with a sheet-steel door. Please contact us at your leisure.

W	H	D	U	h	d	kg	Model	Order No.	UP
			6					**05.010.421.1**	1 unit
			9					**05.010.422.1**	1 unit
			12					**05.010.423.1**	1 unit
			15					**05.010.424.1**	1 unit
			18					**05.010.425.1**	1 unit
			21					**05.010.426.1**	1 unit
			24					**05.010.427.1**	1 unit

ACT00026

Knürr ConAct®
Grounding Set

– For grounding all covers on housing frame.

■ **Standard inclusion**
– 5 x grounding conductors, 6 mm².
– 1 x Mounting kit.

W	H	D	U	h	d	kg	Model	Order No.	UP
								05.010.330.9	1 set

MIR00641
ACT00006_A

Knürr ConAct®
Cable Clamping Rail

– Cables secured with U-clamps, clamping bars or hammer-head threaded plate.
– For mounting on rear panel.

■ **Material / Finish**
– Zinc-passivated sheet steel.

■ **Standard inclusion**
– 1 x cable clamping rail.
– 1 x Mounting kit.

■ **Delivery**
– In sets.

W	H	D	U	h	d	kg	Model	Order No.	UP
								05.010.340.9	1 set