# Main Distribution Frames

Exclusive CD edition March 2006

**ADC**

KRONE

| | HVt 71 | HVt 91M | HVt COM 91-2 | HVt COM B2-2 | HVt COM 80-2 | HVt COM 80-1 |
|---|---|---|---|---|---|---|
| **MDF** | for system 71 | | for LSA-PROFIL | | | for LSA-PLUS |
| **Exchange type** | analog and digital exchange | computer-controlled exchanges and switchboards | computer-controlled exchanges and switchboards | computer-controlled exchanges | analog and digital exchanges | analog and digital exchanges |
| **Exchange size** | big and middle exchanges | middle and small exchanges | middle and small exchanges | big and middle exchanges | big and middle exchanges | big and middle exchanges |
| **HVt allocation** | | | | | | |
| **System side** | vertical | vertical | vertical | vertical | horizontal | horizontal |
| **Line side** | vertical | vertical in 1 bay among themselves | vertical in 1 bay among themselves | vertical in 1 bay next to each other | vertical | vertical |
| **Jumpering direction** | long jumpering | jumpering | jumpering within 1 bay | short jumpering within 1 bay | long jumpering within 1 bay | long jumpering |
| **Prefered direction** | | | vertical | vertical | horizontal | |
| **Jumperwire length** (typ.) | 3 m | 1.5 m | 1.5 m | 0.2 m | 3 m | 3 m |
| **Jumper times** | 100 % | 70 % | 70 % | 50 % | 100 % | 100 % |
| **Capacity** | pairs : pairs | pairs : pairs | pairs : pairs | pairs : pairs | pairs : pairs | pairs : pairs |
| **System side** | 480 : 600 | 512 : 600 | 512 : 600 | 512 : 600 | 576 : 600 | 576 : 600 |
| **Line side** | (1 : 1.25) | (1 : 1.17) | (1 : 1.17) | (1 : 1.17) | (1 : 1.04) | (1 : 1.04) |
| **Density** (pairs/m²) | 1915 | 1454 | 1454 | 2644 | 1454 | 1454 |
| **Space requirement** | 100 % | 85 % | 75 % | 40 % | 75 % | 65 % |
| **Frame** | | | | | | |
| **Type** | vertical/ horizontal | vertical | vertical | vertical | vertical horizontal | vertical horizontal |
| **Depth\*)** | 1,04 m | 2 x 0,34 m | 2 x 0,29 m (ETSI conform) | 2 x 0,27 m (ETSI conform) | 0,58 m | 0,49 m |
| **Assembly** | not assemled | assemled | part assemled | part assemled | part assemled | part assemled |
| **Installation times** | 100 % | 25 % | 50 % | 40 % | 60 % | 60 % |
| **Overvoltage protection** | Magazine | Magazine or single plugs | Magazine or single plugs | Magazine or single plugs | Magazine or single plugs | Magazine or single plugs |
| **(Position)** | (backside) | (frontside) | (frontside) | (frontside) | (frontside) | (frontside) |

# Main Distribution Frame 91 M

## Main Distribution Frame 91 M

Preferred frame variant for 1200 pairs (2 x 600 pairs) for accommodation of 10-pair LSA PROFIL modules on the system and line sides. It can be configured as follows:

❏ Wall-secured standing distribution frame (Standing distribution frame, fixed to the wall)
❏ Freestanding distribution frame, single-sided (Freestanding distribution frame, fixed to the ceiling)
❏ Freestanding distribution frame, two-sided (Freestanding, back-to-back distribution frames, screwed together, fixed to the ceiling)

**Advantages of this main distribution frame solution:**

❏ Modular, space-saving installation
❏ Optimal adaptation to available space
❏ Minimal installation time, since the frame is delivered pre-assembled

This type of frame has the module installation for the line and system sides vertically in a single profile frame. This allows jumpering within a single vertical row.

The standard design has a distance of 250 mm between vertical rows and is sold as a 2-bay frame for vertical installation. The maximum connection capacity per distribution frame of the preferred variant is 1200 pairs (2 x 600 pairs) for the system and line sides. Other frame sizes and their connection capacities are shown below. Setting up banks of distribution frames of arbitrary length is possible, taking into account that the jumpering capacity of the horizontal jumper guides is approx. 4000 pairs (jumper with Ø 0.9 mm).

If required, the distribution frames can be equipped with back-mount frames for LSA-PLUS modules or for MDF 71 connection components (installation dimensions: 290/210 mm).

**Note:** See the Configuration Description (Order-No: 6577 3 995-00) for the configuration of MDF 91 M distribution rows.
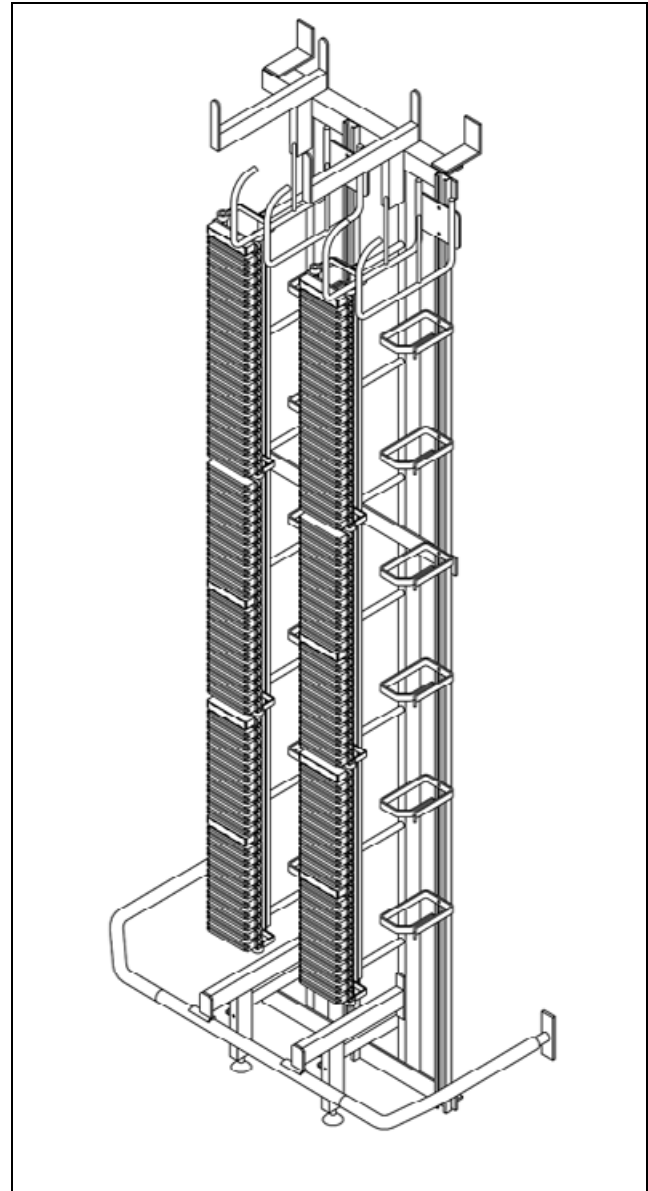


MDF 91 M with profile frame (d = 46 mm), equipped

**Capacity overview (number of modules)**

| Available rack units (extendable) | LSA PROFIL-modules 2/10 and 2/6 x 3 | LSA PROFIL-NT modules 10 pairs | LSA PROFIL-modules 2/8-95[1] | LSA PROFIL-modules 2/8 x abs[2] | LSA-PLUS-modules 2/8 and 2/10[3] | Block 71 | Frame height |
|---|---|---|---|---|---|---|---|
| 2 x 500 pairs | 100 | 120 | 100 | - | 100* | 10* | 2050 mm |
| **2 x 600 pairs (preferred) variant** | **120** | **140** | **120** | **100** | **120***  | **12*** | **2325 mm** |
| 2 x 800 pairs | 160 | 200 | 160 | - | 160* | 16* | 2887 mm |

[1] for up to 8 pairs, fixing dimension: 95 mm
[2] only for MDF 91 M with deep profile frames (6577 1 090-01)
[3] back-mount frames must be ordered separately
    recommended back-mount frame: 6442 3 250-11 (10 pairs) 6441 3 250-11 (8 pairs)
*) racks on request

# Main Distribution Frame 91 M

**Order data:**

| Order-No: | Description | Weight/Pack | Pack |
|---|---|---|---|
| **Racks 2 x 600 pairs (preferred variant)** | | | |
| 6577 1 080-01 | MDF 91 M LSA PROFIL<br>with profile frames (d = 46 mm)<br>with label holder | 42.600kg | 1 piece |
| 6577 1 090-01 | MDF 91 M LSA PROFIL<br>with profile frames (d = 86 mm)<br>with label holder | 43.000kg | 1 piece |
| 6577 1 080-00 | MDF 91 M BMF<br>without profile frame<br>without label holder<br>for 2 x 6 back-mount frames<br>pitch: 25 mm/11 modules | 39.000kg | 1 piece |
| 6577 1 080-02 | MDF 91 M - 71<br>without profile frames<br>without label holder<br>for MDF 71 switching equipment | 35.000kg | 1 piece |
| 6577 1 019-00 | Jumper row | 5.550 kg | 1 piece |
| **Racks 2 x 500 pairs** | | | |
| 6577 1 083-01 | MDF 91 M LSA PROFIL<br>with profile frames (d= 46 mm)<br>with label holder | | 1 piece |
| 6577 1 083-02 | MDF 91 M - 71<br>without profile frames<br>with label holder<br>for MDF 71 switching equipment | | 1 piece |
| 6577 1 078-00 | Jumper row | | 1 piece |
| **Racks 2 x 800 pairs** | | | |
| 6577 1 081-01 | MDF 91 M LSA PROFIL<br>with profile frames (d= 46 mm)<br>with label holder | | 1 piece |
| 6577 1 076-00 | Jumper row | | 1 piece |

# Main Distribution Frame 91 M

**Optional accessories:**

Rack components comprising a basic MDF
91M unit

| Order-No: | Item | Description | Quantity | | |
|---|---|---|---|---|---|
| | | MDF accessories | Wall-mounted frame | Free-standing frame single-sided | Free-standing frame double-sided |
| 6577 1 xxx-xx | 2 | Jumper row | 1[1] | 1[2] | 2 |
| 6577 2 800-00 | 3 | End piece, right-hand side[2] | 1 | 1 | 2 |
| 6577 2 801-00 | 4 | End piece, left-hand side[2] | 1 | 1 | 2 |
| 6577 2 802-00 | 5 | Accessories for free-standing MDF | - | - | 1 |
| 6577 2 808-00 | 6 | Ceiling fixing rail | - | 1 | - |
| 6577 2 857-00 | 7 | Wire guide BS-MDF 91M-DF | - | - | 9/6[3] |
| 6577 2 864-00 | 8 | Connecting piece Vt-BS | - | 2[2] | - |
| 6577 2 863-00 | 9 | Wire guide BS-MDF 91 M-U Insert for an additional, jumpe-ring bay on the bottom (1 insert max. per vertical jumpering row) for wall-floor rack and free-standing rack double-sided | 2 | - | 6/4[4] |
| 6577 2 858-00 | 10 | Equipotential earth bar SHN-BS[5] insulated busbar, for the termi-nation of special cables (1 busbar max. per frame) | 1 | 1 | 2 |
| 6577 2 8xx-xx | 11[6] | C clamp and backing plate for fixing cable | | | |
| 6577 3 885-00 | 12 | Cabel duct 49 x 99 x 1700-KU-GR[5] (slotted duct, with a cover) D x W x H (in mm): 49 x 99 x 1700 | 2 | 2 | 4 |
| 6563 2 009-02 | 13 | Label holder VT-GR2-KPL[5] component for identifying the verticals of the rack (2 holders per frame) | 2 | 2 | 4 |
| 6577 2 876-00 | 14 | End piece VT-BS[2] Wall fixing element for kick-bar for free-standing frame, double-sided (1 piece per frame) | - | - | 1 |

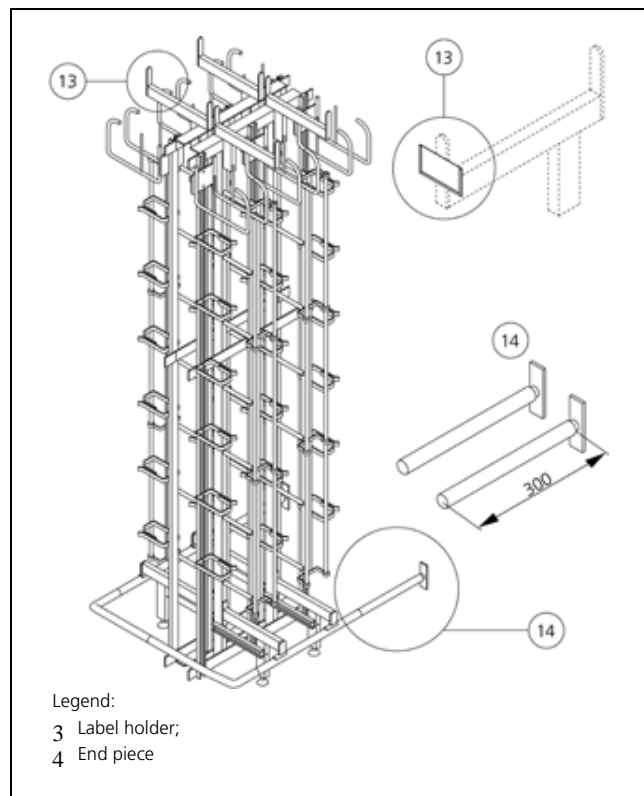[1] For double-sided jumpering only
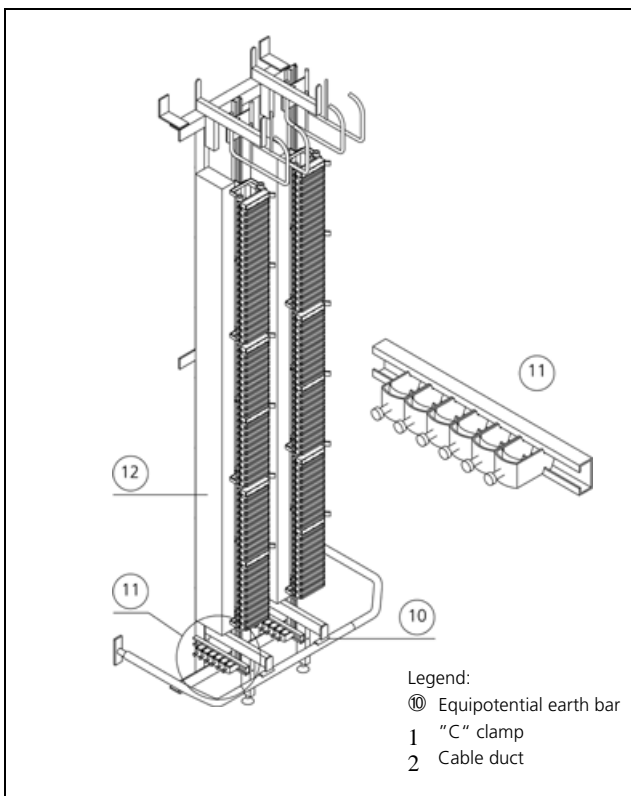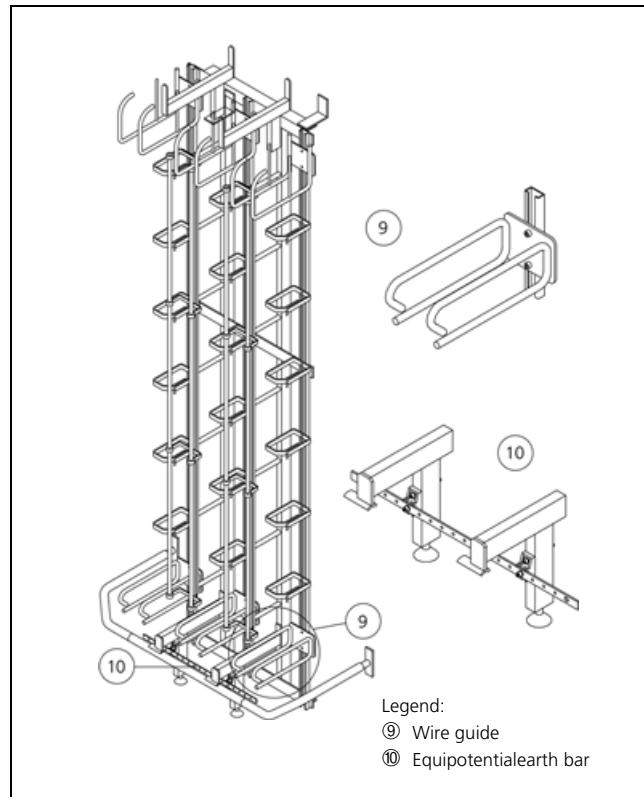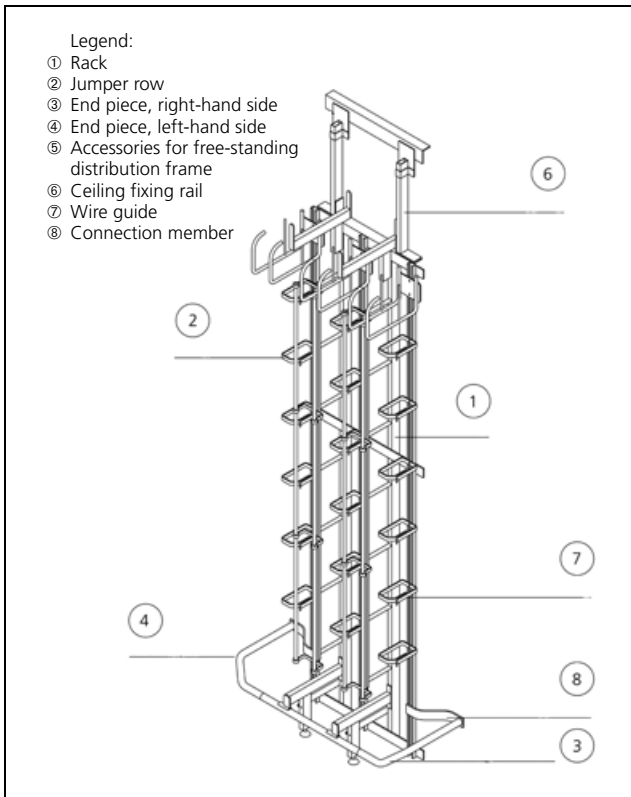[2] For initial installation only
[3] Quantity corresponds to initial installation/extension
[4] Optional: quantity corresponds to initial installation/ extension
[5] Optional
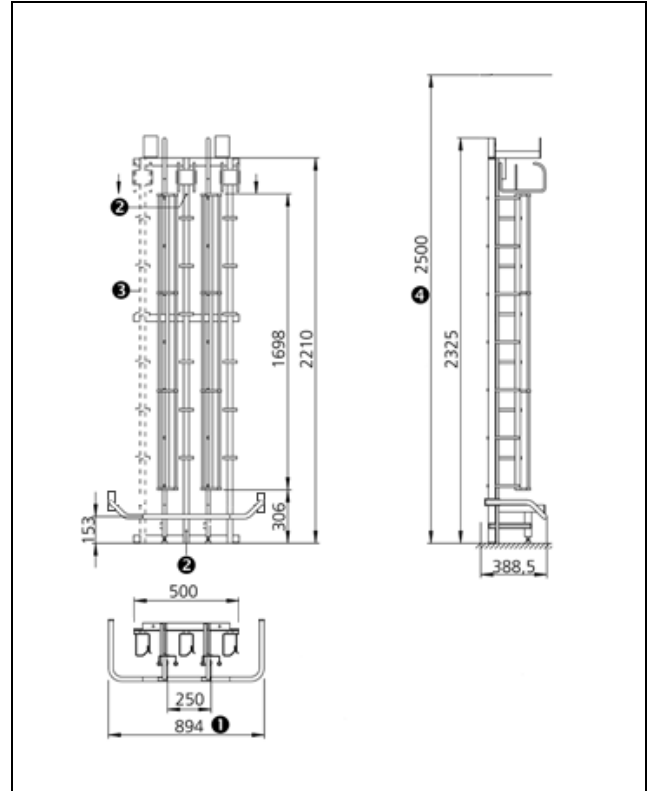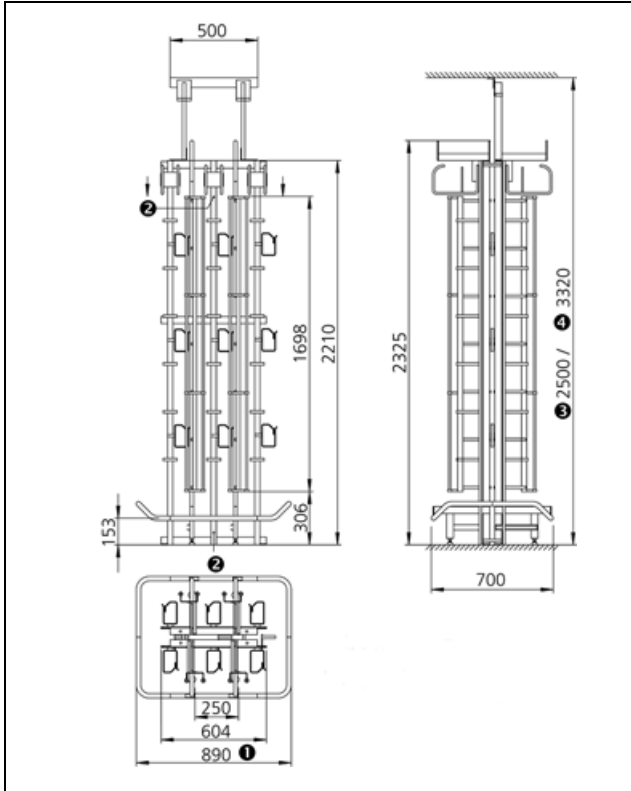[6] Optional: quantity depends on cable type and number of cables (on request)

Legend:
① Rack
② Jumper row
③ End piece, right-hand side
④ End piece, left-hand side
⑤ Accessories for free-standing distribution frame
⑥ Ceiling fixing rail
⑦ Wire guide
⑧ Connection member

Legend:
⑨ Wire guide
⑩ Equipotentialearth bar

Legend:
⑩ Equipotential earth bar
1 "C" clamp
2 Cable duct

Legend:
3 Label holder;
4 End piece

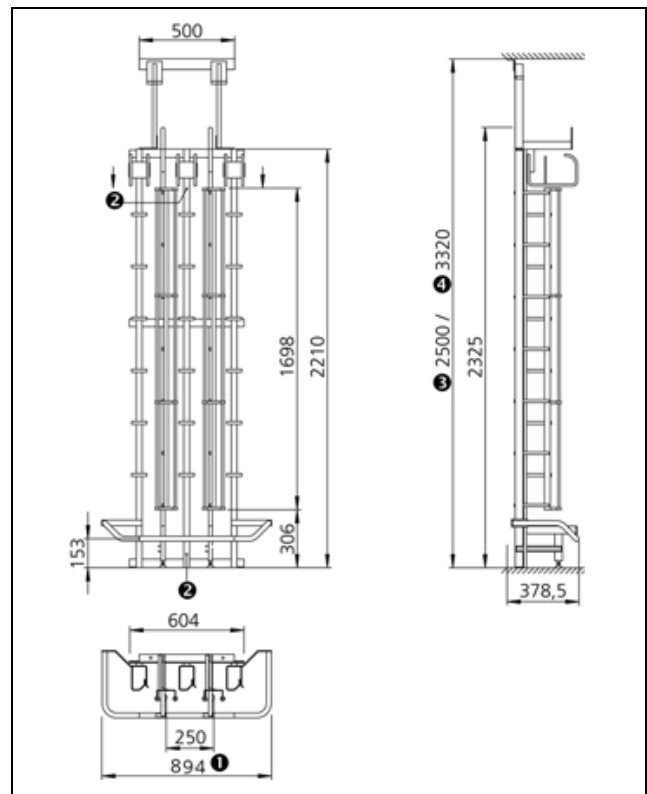# Main Distribution Frame 91 M



Legend Illustration top left:
**Standing frame, double-sided**
❶ Dimension for first installation
❷ FPE-connection (top or bottom, as required)
❸ minimal
❹ maximal

Legend Illustration top right:
**Wall-floor frame**
❶ Dimension for first installation
❷ FPE-connection (top or bottom, as required)
❸ Optional jumper vertical
❹ min. room height

Legend Illustration down right:
**Standing frame, single-sided**
❶ Dimension for first installation
❷ FPE-connection (top or bottom, as required)
❸ minimal
❹ maximal

# Main Distribution Frame, COM Series

## Main Distribution Frame System COM 91-2

❑ Dimensions according to ETSI norm
❑ Compact design results in higher connection density
❑ The racks are flexible in their vertical/vertical design
❑ Suitable for all KRONE switching equipment (copper, coax, fibre optic)
❑ Delivered unassembled

The main distribution frame system is designed for 10-pair LSA PROFIL modules on the system and line sides (it can be modified for 8-pair LSA PROFIL modules).
In this frame model the insertion slots for the modules on the line and system sides are arranged vertically above each other on a single fixed profile frame. This layout makes jumpering possible within the same vertical.
The standard frame comes with 250 mm spacing between verticals; it is available in a 2-vertical version.
MDF COM frames consist of powder-coated (colour: grey; RAL 7032) steel sections, the fixed profile frames are made of stainless steel. All the components of the frame and profile frames and the frame accessories are connected to a common earth potential. Connection points for an FPE cable (min. cross section: 50 mm$^2$ copper) to the main earth conductor are accessible at the top and bottom bars of the frame.
The connection capacity of a distribution frame totals 1200 pairs (2 x 600 pairs) for the system and line sides. Distribution frames can be combined to form banks of any length. Note, however, that the horizontal jumpering capacity is about 3200 pairs (jumper diameter 0.9 mm) and vertical jumpering capacity is about 1300 pairs (jumper diameter: 0.9 mm).

**The MDF COM 91-2 can be configured for the following design variants:**

❑ Wall-fixed distribution frame
(free-standing distribution frame, secured to the wall - see illustration)
❑ Free-standing distribution frame, single-sided
(free-standing distribution frame, secured to the ceiling)
❑ Free-standing distribution frame, double-sided
(free-standing distribution frame, secured to the ceiling, bolted back to back).
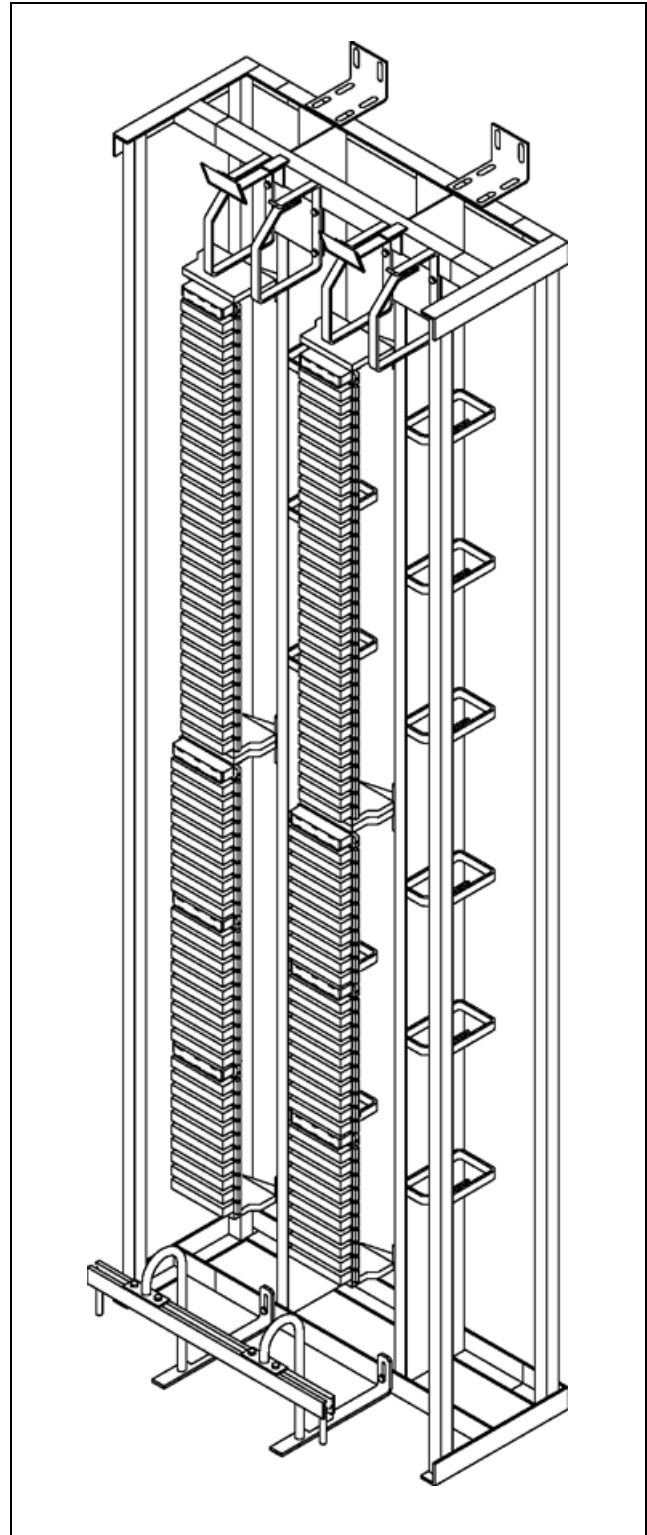
**Order data:**

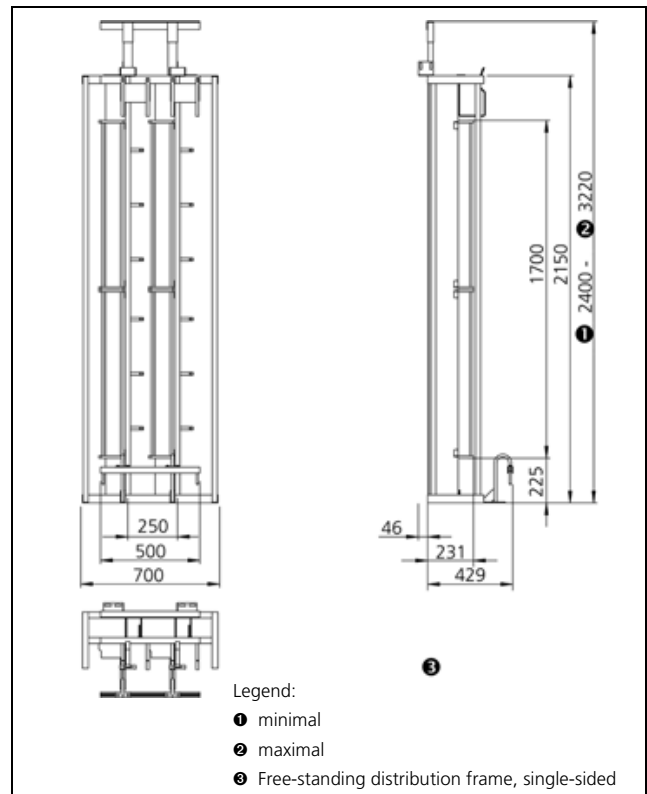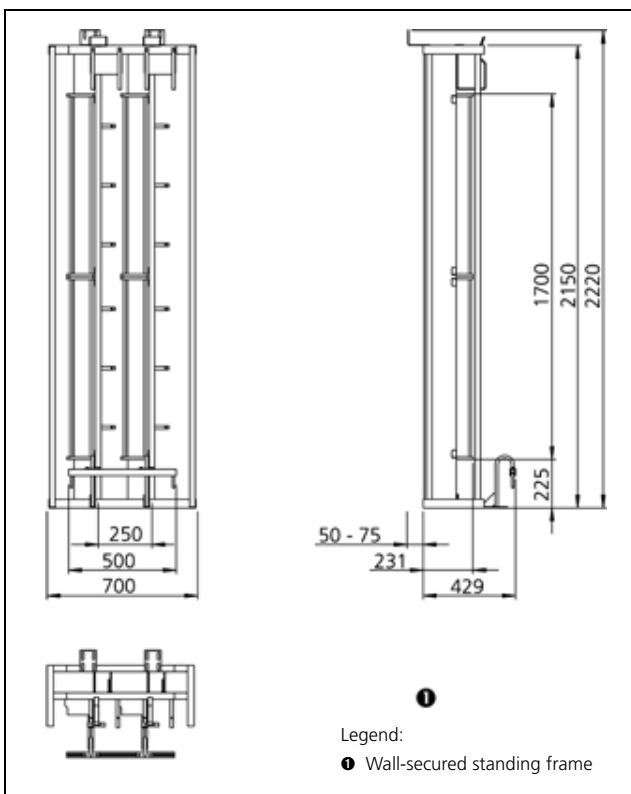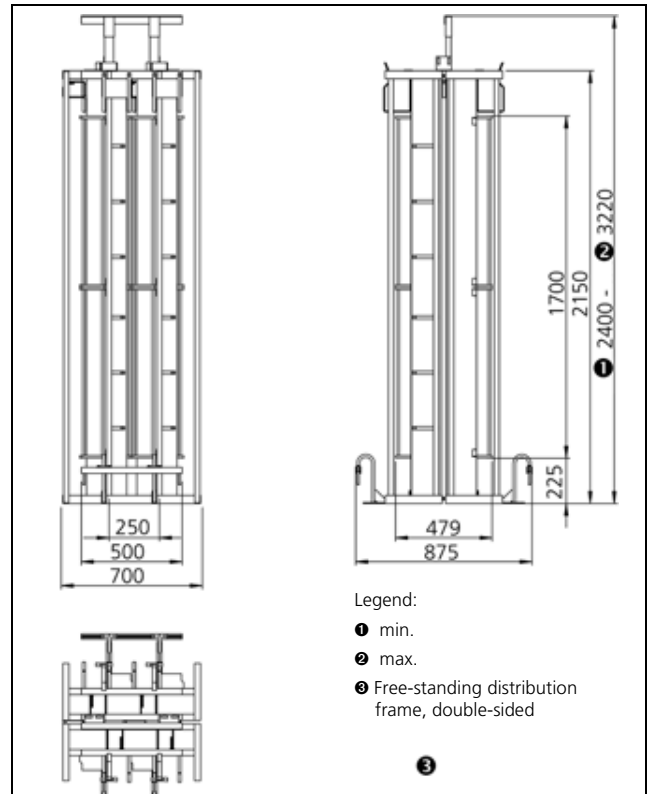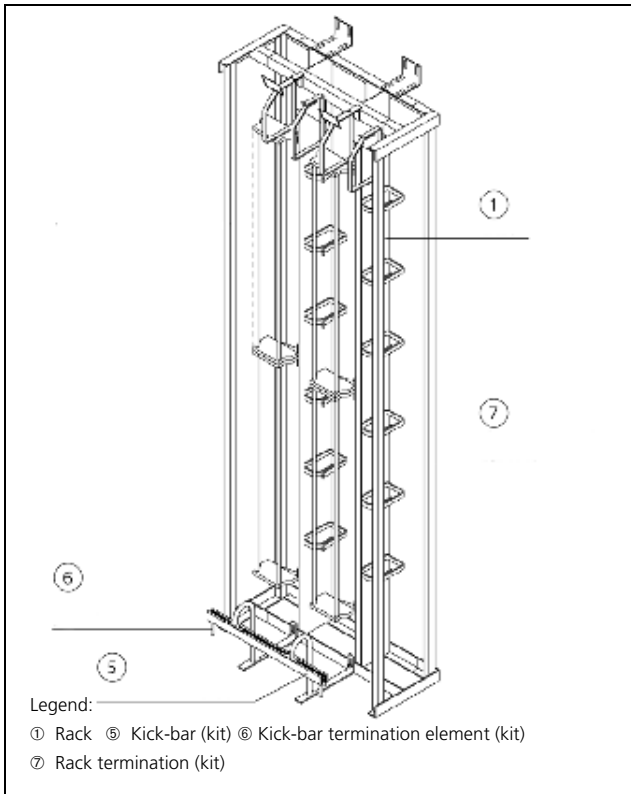| Order-No: | Item | Descriptipn | Piece | | |
|---|---|---|---|---|---|
| | | MDF components | Wall-secured standing frame 2 verticals | Free-standing frame, singel-sided 2 verticals | Free-standing frame double-sided 2 verticals |
| 6971 1 023-00 | 1[1] | MDF COM 91-2, 2 verticals | 1 | 1 | 2 |

[1] The scope of delivery of the MDF includes the following kits and individual parts:
- fixed-profile frame F10
- wall-fixing kit (for solid walls)
- floor-fixing kit (for bare floors)
- cable guide kit
- cable fixing kit
- jumper guide kit, vertical
- fishplate kit
- MDF COM 91-2 label
- label for FPE connection
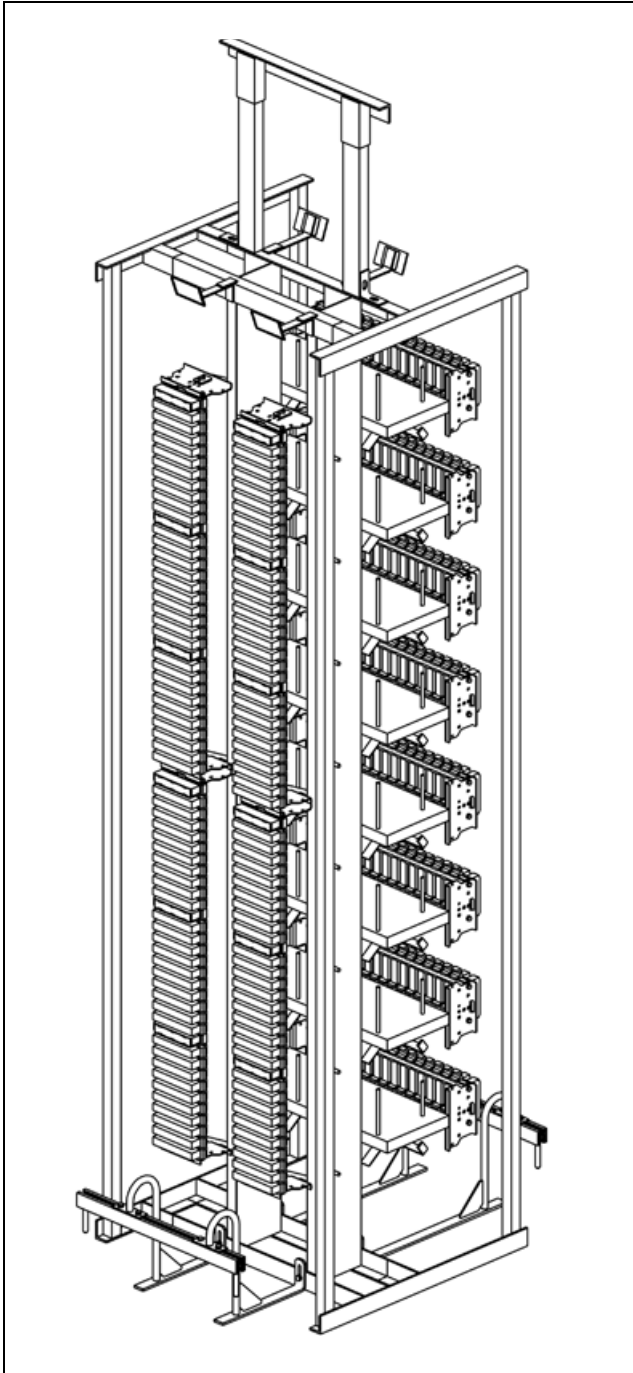
**Optional accessories:**

| Order-No: | Item | Description | Piece | | |
|---|---|---|---|---|---|
| | | MDF Accessories | Wall-secured standing frame singel-sided, 2 verticals | Free-standing frame, single-sided, 2 verticals | Free-standing frame double-sided, 2 verticals |
| 6971 2 412-10 | 2 | Jumper guide for through-jumpering | - | - | 2 |
| 6971 2 420-00 | 3 | Bolts for back-to-back set-up | - | - | 1 |
| 6971 2 263-01 | 4 | Ceiling fixing rail, for 2 verticals, height 1500 mm | - | 1 | 1 |
| 6971 2 223-00 | 5[2] | Kick-bar kit, for 2 verticals | 1 | 1 | 2 |
| 6971 2 228-00 | 6[3] | Kick-bar termination kit | 1 | 1 | 2 |
| 6971 2 202-00 | 7[4] | Frame termination kit | 1 | 1 | 2 |

[2] Item has to be installed if necessary.
[3] Item includes components for a travelling-ladder stop at the ends of a bank of distribution frames.
[4] Item is used for the ends of a bank of distribution frames, if necessary.

# Main Distribution Frame, COM Series



Legend:
① Rack  ⑤ Kick-bar (kit) ⑥ Kick-bar termination element (kit)
⑦ Rack termination (kit)



Legend:
❶ min.
❷ max.
❸ Free-standing distribution frame, double-sided
❸



Legend:
❶ Wall-secured standing frame
❶



Legend:
❶ minimal
❷ maximal
❸ Free-standing distribution frame, single-sided

## Main Distribution Frame System COM 80-2

The main distribution system is designed for 8-pair LSA PROFIL modules on the system side and 10-pair LSA PROFIL modules on the line side (it can be modified for 10-pair and 8-pair PRO-FIL modules, respectively). In this frame model the installation areas for the modules on the line side are arranged vertically, on the system side horizontally, on a fixed profile frame. The standard frame comes with a 225 mm spacing between verti-cals and it is available in a 2-vertical and a 4-vertical version. MDF COM frames consist of powder-coated (colour: grey; RAL 7032) and galvanised steel sections; the profile frames are made of stainless steel.
All the components of the frame and profile frame and the ac-cessories of the frame are connected to a common earth po-tential. Connection points for an FPE cable (min. cross section: 50 mm$^2$ copper) to the main earth conductor are accessible at the top and bottom bars of the frame.

**The MDF COM 80-2 can be configured for the following design variant:**

❑ Standing distribution frame, double-sided (free-standing, secured to the ceiling* - see illustration)
❑ Delivered unassembled

* included in the delivery

Distribution frames can be combined to form banks of any length, taking the total jumpering capacity of the 8 horizontal jumpering levels of approx. 12,000 pairs into consideration (jumper diameter: 0.9 mm).

**Connection capacity per distribution frame:**

| | | |
|---|---|---|
| **2 verticals** | System side: | 1024 pairs |
| | | 1280 pairs (with 10-pair modules) |
| | Line side: | 1200 pairs |
| **4 verticals** | System side: | 2048 pairs |
| | | 2400 pairs (with 10-pair modules) |
| | Line side: | 2400 pairs |

One LSA PROFIL label holder can be placed between each 100 pair block on the vertical side and beetween each 128 or 256 pair block on the horizontal side.
The pitch of the modules is 25 mm (module + 2,5 mm spacer).

# Main Distribution Frame, COM Series

**Order data:**

| Order-No: | Item | Description | Piece | |
|---|---|---|---|---|
| | | **MDF components** | **Free-standing frame double-sided 2 verticals** | **Free-standing frame double-sided 4 verticals** |
| 6971 1 024-00 | 1[1] | MDF COM 80-2, 2 verticals | 1 | - |
| 6971 1 025-00 | | MDF COM 80-2, 4 verticals | - | 1 |

[1] Item 1 is supplied as individual assemblies. The scope of the delivery of the MDF includes the following kits and single parts:
- fixed profile frame F8/F10
- floor-mounting kit(for bare floors)
- vertical identification kit
- cable fixing kit
- jumper guide kit, horizontal
- fishplate kit
- MDF COM 80-2 label
- label for FPE connection

**Optional accessories:**

| Order-No: | Item | Description | Piece | |
|---|---|---|---|---|
| | | **MDF Accessories** | **Free-standing frame,double-sided 2 verticals** | **Free-standing frame,double-sided 4 verticals** |
| 6971 2 224-00 | 2[2] | Kick-bar kit, 2 verticals | 1 | - |
| 6971 2 225-00 | | Kick-bar kit, 4 verticals | - | 1 |
| 6971 2 228-00 | 3[3] | Kick-bar termination kit, | 2 | 2 |
| 6971 2 203-00 | 4[4] | Rack termination kit, | 1 | 1 |

[2] Item has to be installed as required
[3] Item includes components for a traveling-ladder stop at the ends of a bank of distribution frames
[4] Item is used for the ends of a bank of distribution frame
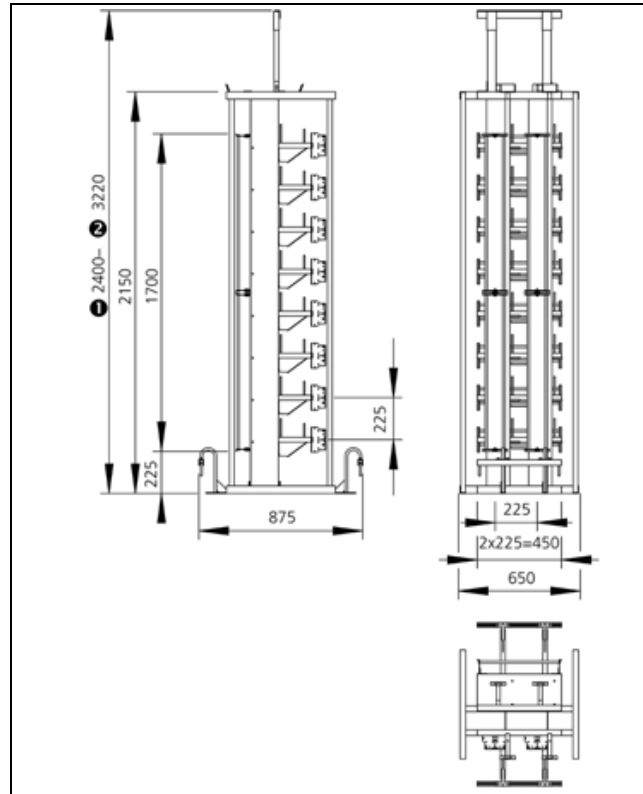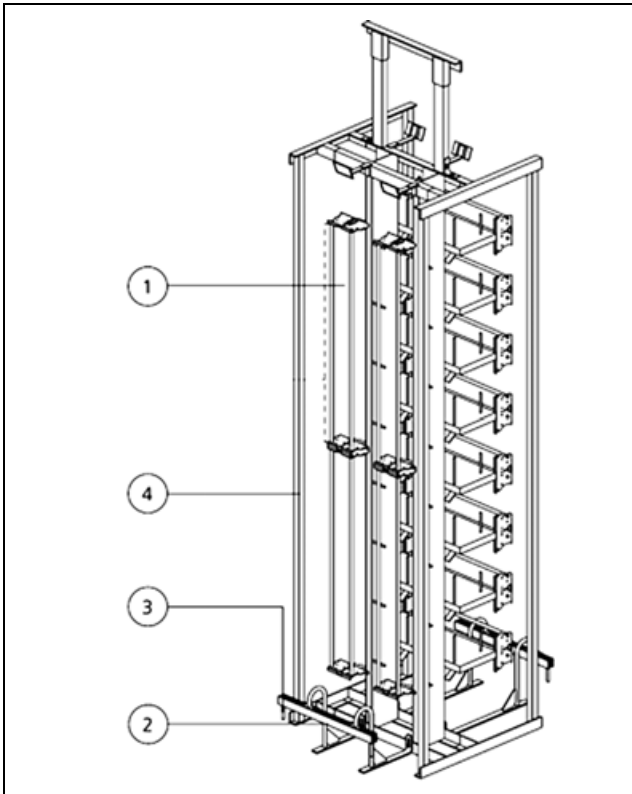
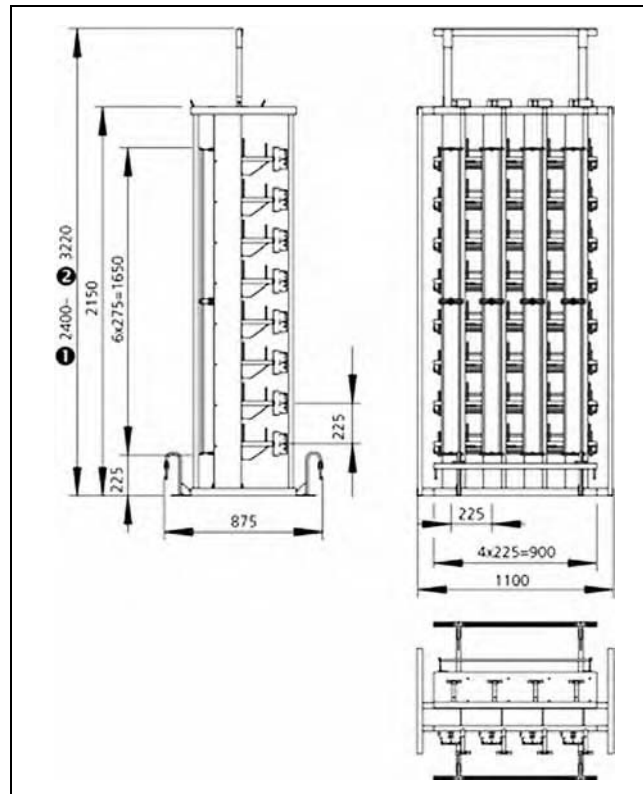Legend Illustration top left:

① MDF

② Kick-bar (kit), 2 verticals

③ Kick-bar termination (kit)

④ Rack termination element (kit)

Legend Illustration top right:

MDF COM 80-2 double-sided, 2 verticals

❶ min.

❷ max.

Legend Illustration down right:

MDF COM 80-2 double-sided, 4 verticals

❶ min.

❷ max.

# Main Distribution Frame 71
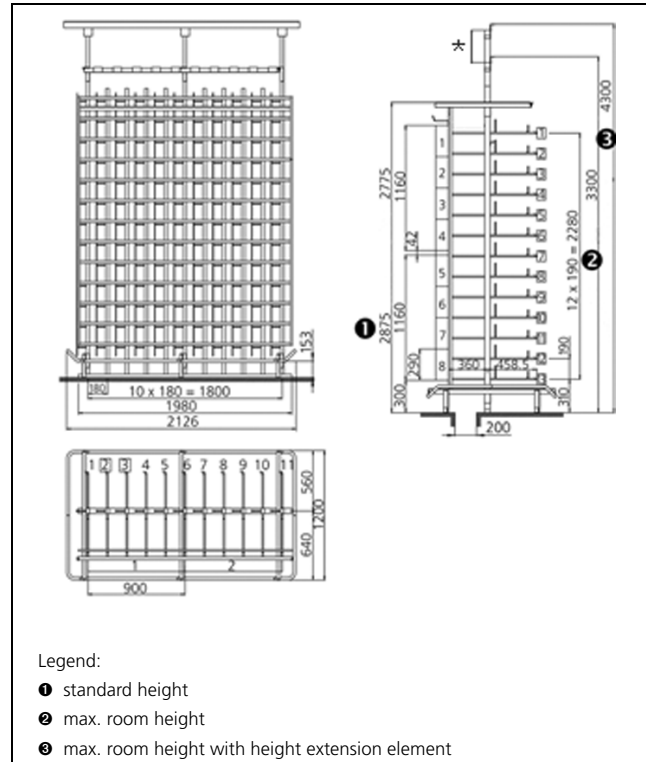
## Main Distribution Frame 71

The MDF 71 racks are based on an especially clear matrix structure with a vertical arrangement of the line side and a horizontal arrangement of the system side. Thanks to their variable layout, the racks can be adapted to any given space.

The main distribution frame rack consists of powder coated (colour: grey; RAL 7032) tubular and angular sections for mounting of the various MDF 71 blocks. Employing any extension rack of the same height, all the racks can be extended in both directions.

**The racks are delivered unassembled.**

**Note:**

A design and layout guide (Order-No: **6044 3 016-00**) is available.

Legend:
❶ standard height
❷ max. room height
❸ max. room height with height extension element

**Order data:**

| Order-No: | Description | Weight/Pack | Pack |
|---|---|---|---|
| **Basic- and extension racks 800 pairs per vertical** | | | |
| 5827 2 806-13 | Basic rack 71<br>two-sided, 800 pairs per vertical, 6 verticals,<br>13 horizontals | 220.000 kg | 1 piece |
| 5827 2 811-13 | Basic rack 71<br>two-sided, 800 pairs per vertical, 11 verticals,<br>13 horizontals | 396.000 kg | 1 piece |
| 5827 2 805-13 | Extension rack 71<br>two-sided, 800 pairs per vertical, 5 verticals,<br>13 horizontals | 173.000 kg | 1 piece |
| 5827 2 810-13 | Extension rack 71<br>two-sided, 800 pairs per vertical, 10 verticals,<br>13 horizontals | 334.000 kg | 1 piece |
| **Basic- and extension racks 600 pairs per vertical** | | | |
| 5827 2 606-10 | Basic rack 71<br>two-sided, 600 pairs per vertical, 6 verticals,<br>10 horizontals | | 1 piece |
| 5827 2 611-10 | Basic rack 71<br>two-sided, 600 pairs per vertical, 11 verticals,<br>10 horizontals | | 1 piece |
| 6577 1 655-00 | Extension rack 71<br>two-sided, 600 pairs per vertical, 5 verticals,<br>10 horizontals | | 1 piece |
| 6577 1 656-00 | Extension rack 71<br>two-sided, 600 pairs per vertical, 10 verticals,<br>10 horizontals | | 1 piece |

**Order help:**

| Variants of MDF 71 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Capacity** | | | | **Frame characteristics** | | | | | | **Order-No:** | |
| **Line side** | | **System side** | | **Lines** | **System** | **Width** | | **Heigth** | | **Basic frame** | **Extension** |
| Capacity | 100 pairs componets | Capacity | 256 pairs componets | vertical rail | horizontal rail | Basic frame with kik bar | Extension frame | Ceiling support | Room max. | | |
| pairs | (pieces) | pairs | (pieces) | (pieces) | (pieces) | (mm) | (mm) | (mm) | (mm) | | |
| **Free-standing, two-sided, with basic frame 5827 2 8XX-13** | | | | | | | | | | | |
| 4000 | 40 | 3328 | 13 | 5 | 13 | | 900 | 2875 | 3300 | | 5827 2 805-13 |
| 4800 | 48 | 3328 | 13 | 6 | 13 | 1226 | 1080 | 2875 | 3300 | 5827 2 806-13 | |
| 8000 | 80 | 6656 | 26 | 10 | 13 | | 1800 | 2875 | 3300 | | 5827 2 810-13 |
| 8800 | 88 | 6656 | 26 | 11 | 13 | 2126 | 1980 | 2875 | 3300 | 5827 2 811-13 | |
| **Free-standing, two-sided, with basic frame 5827 2 6XX-10** | | | | | | | | | | | |
| 3000 | 30 | 2560 | 10 | 5 | 10 | | 900 | 2305 | 2730 | | 6577 1 655-00 |
| 3600 | 36 | 2560 | 10 | 6 | 10 | 1226 | 1080 | 2305 | 2730 | 5827 2 606-10 | |
| 6000 | 60 | 5120 | 20 | 10 | 10 | | 1800 | 2305 | 2730 | | 6577 1 656-00 |
| 6600 | 66 | 5120 | 20 | 11 | 10 | 2126 | 1980 | 2305 | 2730 | 5827 2 611-10 | |

| Accessories | | | | | | |
|---|---|---|---|---|---|---|
| **Description** | **Order-No:** | **Pieces** | | | | |
| | | 5827 2 805-13 | 5827 2 806-13 | 5827 2 810-13 | 5827 2 811-13 | |
| | | 6577 1 655-00 | 5827 2 606-10 | 6577 1 656-00 | 5827 2 611-10 | |
| MDF extension rack 1000 mm 1)2) | 6563 2 300-00 | 1 | 2 | 2 | 3 | |
| | | | | | | |
| 1) for max. room-higth 4300 mm for 5827 2 8XX-13 | | | | | | |
| 2) for max. room-higth 3730 mm for 5827 2 6XX-10, 6577 1 655-00 and 6577 1 656-00 | | | | | | |
| | | **vertical** | | **horizontal** | | |
| **Fixing dimensions** | | 290/210 mm, 42/26 mm | | Hole pattern 45 mm | | |

# Main Distribution Frame 71

## Disconnection Block 71

The MDF 71 connection blocks comprise a perfected MDF sy-stem (used as standard equipment by Deutsche Telekom AG, for example). All of the variants are fitted with LSA-I-71 con-tacts for the connection of plastic-insulated copper wires wit-hout soldering, wire-stripping or the use of screws. Copper wires with a conductor diameter of 0.40 to 0.65 mm and a ma-ximum overall diameter of 1.1 mm can be used..
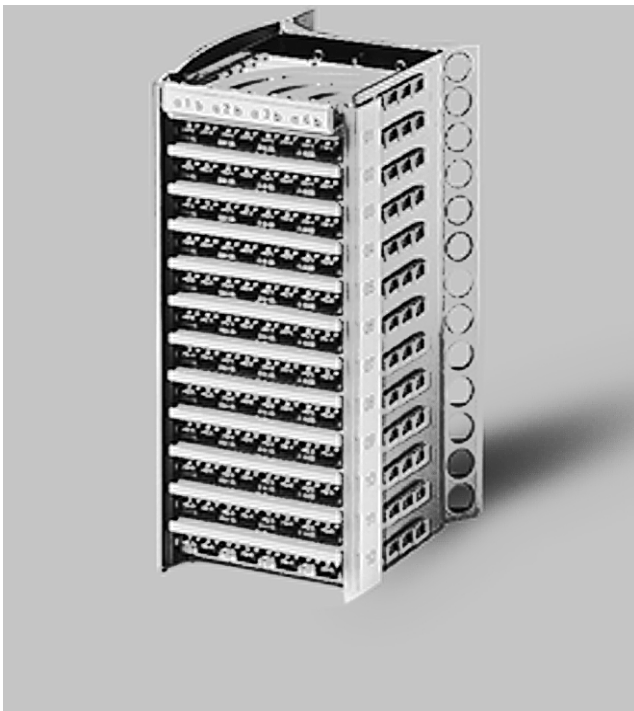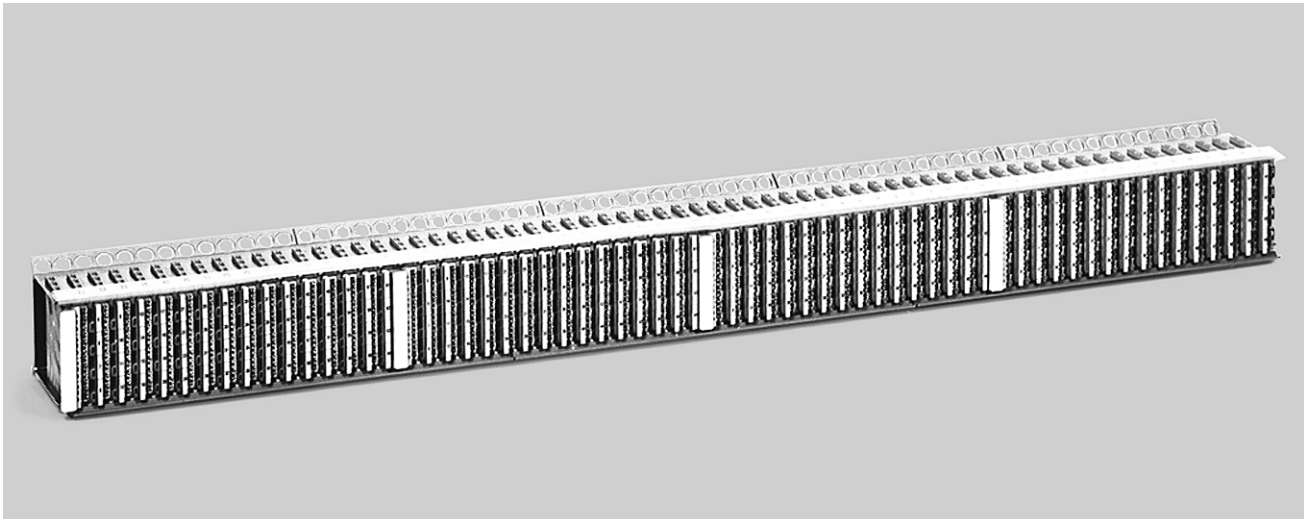


Distribution module 71 for 80 pairs
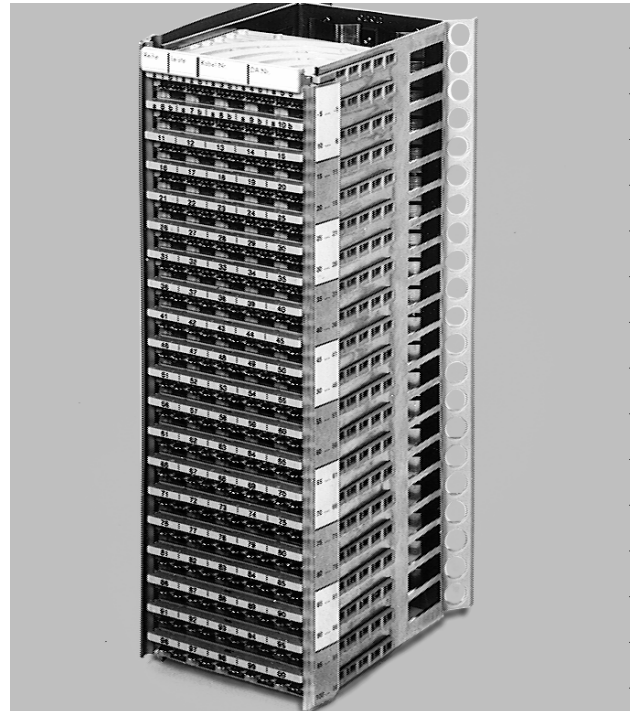


Distribution module 71 for 100 pairs with overvoltage contact



Legend:
❶ Housing depth
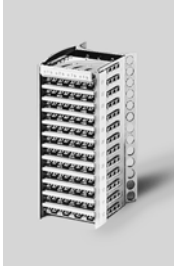❷ Position mark



Legend:
❶ Housing depth
❷ Position mark
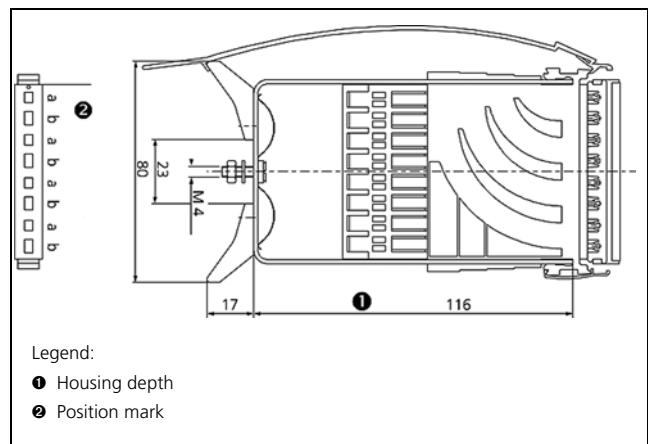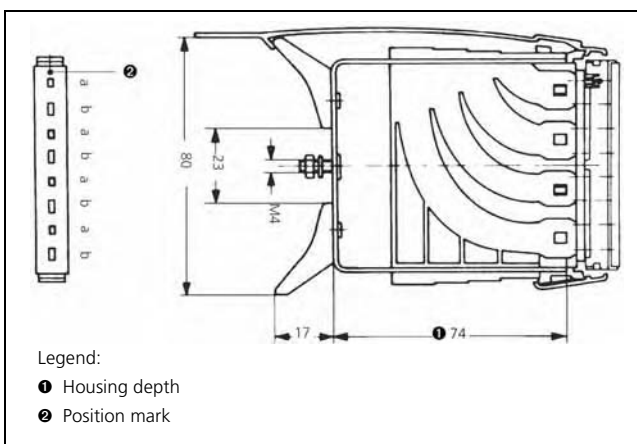
# Main Distribution Frame 71



Linking strip 71 for 256 pairs



Legend:
❶ Housing depth
❷ Position mark
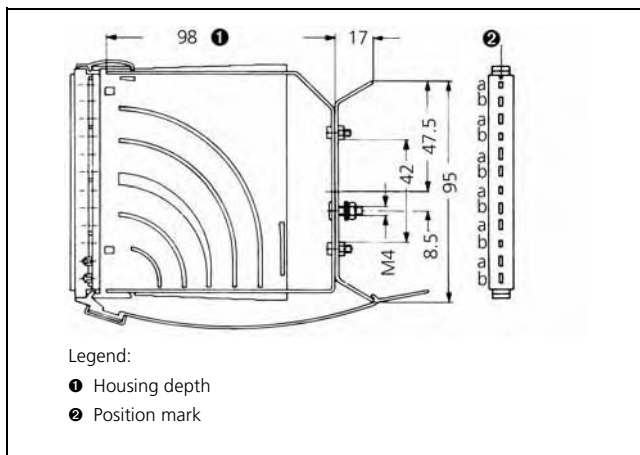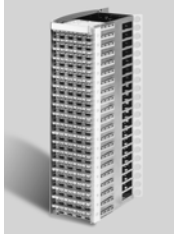
Distribution module 71 for 48 pairs (PCM 30)
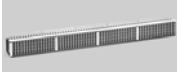
**Order data:**

| Order-No: | Description | Weight/Pack | Pack |
|---|---|---|---|
| | **For vertical installation without overvoltage protection** | | |
| 5829 1 004-01 | **Disconnection block 71, for 80 pairs**<br><br>8-element, vertical installation<br>20 disconnection contact inserts (4-pair, a, b)<br>21 wire-guide inserts for 4 pair (a, b)<br>20 cover and designation strips (neutral)<br>1 label holder, complete (neutral)<br>1 label (neutral)<br>1 transparent cover<br>1 protective cover<br>Mounting dimension: 290 mm<br>Fixing dimension: 210 mm | 1.860 kg | 1 piece |
| 5828 1 013-10 | Disconnection block 71 for 100 pairs<br><br>10-element, vertical installation<br>20 disconnection contact inserts (5-pair a, b)<br>21 wire-guide inserts for 5 pairs (a, b)<br>20 cover and designation strips, printed from 1 to 100<br>1 label holder complete (neutral)<br>1 label (neutral)<br>1 transparent cover<br>1 protection cover<br>Mounting dimension: 290 mm<br>Fixing dimension: 210 mm | 2.160 kg | 1 piece |
| | **For vertical installation with overvoltage protection** | | |
| 5829 1 101-00 | **Disconnection block 71 for 80 pairs**<br><br>8-element, vertical installation for overvoltage protection<br><br>8-element, for vertical installation<br>20 disconnection contact inserts (4 pairs a, b)<br>21 wire-guide inserts for 4 pairs (a, b)<br>20 cover and designations strips (neutral)<br>1 label holder, complete (neutral)<br>1 label (neutral)<br>1 transparent cover<br>1 protection cover<br>Mounting dimension: 290 mm<br>Fixing dimension: 210 mm | 1.860 kg | 1 piece |
| 5828 1 001-01 | **Disconnection block 71, for 100 pairs**<br><br>10-element, vertical installation, for overvoltage protection<br>20 disconnection contact inserts (5-pair a, b)<br>with overvoltage contact<br>21 wire-guide inserts for 5 pairs (a, b)<br>20 cover and designation strips, printed<br>printed from 1 to 100<br>1 label holder, complete (neutral)<br>1 label (neutral)<br>1 transparent cover<br>1 protective cover<br>Mounting dimension: 290 mm<br>Fixing dimension: 210 mm | 2.700 kg | 1 piece |

# Main Distribution Frame 71

**Order data:**

| Order-No: | Description | Weight/Pack | Pack |
|---|---|---|---|
| **For horizontal installation** | | | |
| 5829 1 030-00 | **Linking strip 71**<br>for 64 pairs<br>17 wire-guide inserts for (4 pairs a, b)<br>16 disconnection contact inserts (4 DA a, b)<br>16 cover strips printed from 1...64,<br>1 housing, neutral<br>1 label holder, complete (neutral)<br>1 label printed (neutral)<br>1 transparent cover<br>1 protective cover<br>Mounting dimension: 235 mm<br>Fixing dimension: 135 mm | 1.460 kg | 1 piece |
| 5828 1 042-00 | **Linking strip 71 for 100 pairs**<br>10-element, horizontal installation<br>1 housing (neutral)<br>20 disconnecting contact inserts (5 DA a, b)<br>21 wire-guide inserts for 5 pairs (a, b)<br>20 cover strips printde from 1 to 100<br>1 label holder, complete (neutral)<br>1 labels (neutral)<br>1 transparent cover<br>1 protection covers<br>Mounting dimension: 290 mm<br>Fixing dimension: 225 mm | 2.160 kg | 1 piece |
| 5829 1 006-00 | **Linking strip 71 for 256 pairs**<br>8-element, horizontal installation<br>64 disconnection contact inserts (4-pair a, b)<br>65 wire-guide inserts for 4 pairs (a, b)<br>64 cover and designation strips (neutral)<br>1 label holder, complete (neutral)<br>1 label, printed 1 to 64<br>1 transparent cover<br>3 protection covers<br>Mounting dimension: 900 mm<br>Fixing dimensions: 3 x 225 mm and 1 x 180 mm | 5.610 kg | 1 piece |
| **For shielded circuit** | | | |
| 1205 1 040-01 | **Disconnection block 71, for 48 pairs**<br>12-element, 4 a, b, c, vertical installation<br>12 disconnection contact inserts (4-pair a, b, c)<br>13 wire-guide inserts for 4 pairs (a, b, c)<br>12 cover strips, each printed 4x a, b, c<br>1 label holder, complete (neutral)<br>2 labels, printed 01 to 12<br>1 transparent cover<br>1 protective cover with cover strip<br>Mounting dimension: 180 mm<br>Fixing dimension: 135 mm | 1.840 kg | 1 piece |

## MDF 71 Accessories



Insertion tool

**Order data:**

| Order-No: | Description | Weight/Pack | Pack |
|---|---|---|---|
| 6709 2 020-40 | Insertion tool<br>for connecting wires and jumper wires without soldering, screws or wire-stripping, whilst cutting off excess lengths at the same time. With integrated hook extractor. | 0.040 kg | 1 piece |
| 5828 2 057-00 | Magazine extractor<br>for removing magazines and extracting overvoltage arresters from the magazines. | 0.045 kg | 1 piece |
| 5828 3 047-00 | Pliers<br>for easier disconnection of wires and for removing marking caps | 0.065 kg | 1 piece |
| 5828 2 093-08 | Contact insert extractor<br>for 8-element contact inserts | 0.102 kg | 1 piece |
| 5828 2 093-10 | Contact insert extractor<br>for 10-element contact inserts | 0.093 kg | 1 piece |
| 5828 2 093-12 | Contact insert extractor<br>for 12-element contact inserts | 0.110 kg | 1 piece |
| 5828 2 120-00 | Adapter cord<br>2-pole, length 0.25 m<br>plug: red/green<br>banana sockets: black/white | 0.018 kg | 1 piece |
| 5828 2 147-01 | Adapter cord 7065<br>4-pole, length 1.50 m<br>plug: grey<br>banana sockets: black/white/yellow/green | 0.100 kg | 1 piece |
| 5827 3 051-08 | Sliding ladder, knock-down model, with 8 steps | 130.000 kg | 1 piece |

# Main Distribution Frame 80
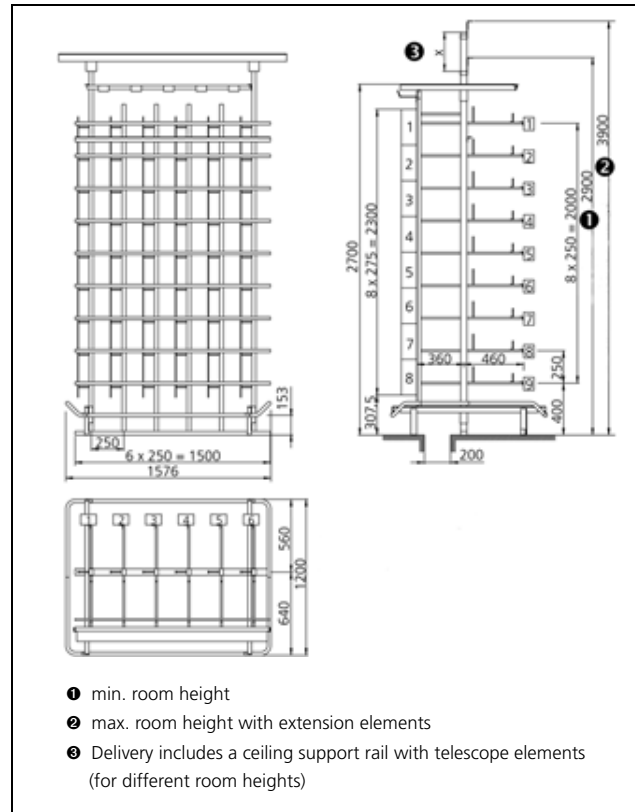
## Main Distribution Frame 80

The MDF 80 racks for LSA-PLUS Series 2 components are a modular system which can be used in almost any configuration, depending on the space available and the cable capacities. The rack of the main distribution frame consists of powder-coated (colour: grey; RAL 7032) horizontal and vertical sections for installation of the various LSA-PLUS back-mount frames. The vertical and horizontal mounting rails have a mounting pitch of 50 mm.
Employing any extension rack of the same height, all the racks can be extended in both directions.

❏ Horizontal/vertical design, double-sided
❏ Installation of LSA-PLUS modules and back-mount frames with a pitch of 25 mm (they are not included in the delivery and has to be ordered separately)
❏ Recommended back-mount frames:
  6441 3 250-17 (horizontal) and
  6442 3 250-11 (vertical)
❏ Ceiling support rail with expansion elements x (for adjustment to different room height)including in the delivery
❏ Installation guide and mounting materials for complete installation of the rack
❏ Delivery condition: unassembled

**Note:**

A design and layout guide (Order-No: **6044 3 016-00**) is available.



❶ min. room height
❷ max. room height with extension elements
❸ Delivery includes a ceiling support rail with telescope elements (for different room heights)

**Order data:**

| Order-No: | Description | Weight/Pack | Pack |
|---|---|---|---|
| **Basic- and extension racks 600 pairs per vertical** | | | |
| 6044 2 603-07 | Basic rack 80 two-sided, 600 pairs per vertical, 3 vertical rows, 7 horizontal rows | 114.000 kg | 1 piece |
| 6044 2 604-07 | Basic rack 80 two-sided, 600 pairs per vertical, 4 vertical rows, 7 horizontal rows | 188.000 kg | 1 piece |
| 6044 2 605-07 | Basic rack 80 two-sided, 600 pairs per vertical, 4 vertical rows, 7 horizontal rows | 188.000 kg | 1 piece |
| 6044 2 612-07 | Basic rack 80 two-sided, 600 pairs per vertical, 12 vertical rows, 7 horizontal rows | 385.000 kg | 1 piece |
| 6577 1 663-00 | Extension rack 80 two-sided, 600 pairs per vertical, 3 vertical rows, 7 horizontal rows | 104.000 kg | 1 piece |
| 6577 1 665-00 | Extension rack 80 two-sided, 600 pairs per vertical, 4 vertical rows, 7 horizontal rows | 139.000 kg | 1 piece |
| 6577 1 678-00 | Extension rack 80 two-sided, 600 pairs per vertical, 5 vertical rows, 7 horizontal rows | 190.000 kg | 1 piece |
| 6577 1 667-00 | Extension rack 80 two-sided, 600 pairs per vertical, 12 vertical rows, 7 horizontal rows | 345.000 kg | 1 piece |

Order
data:

| Order-No: | Description | Weight/Pack | Pack |
|-----------|-------------|-------------|------|
| **Basic- and extension racks 800 pairs per vertical** | | | |
| 6044 2 803-09 | Basic rack 80<br>two-sided, 800 pairs per vertical, 3 vertical rows,<br>9 horizontal rows | 190.000 kg | 1 piece |
| 6044 2 804-09 | Basic rack 80<br>two-sided, 800 pairs per vertical, 4 vertical rows,<br>9 horizontal rows | 212.000 kg | 1 piece |
| 6044 2 805-09 | Basic rack 80<br>two-sided, 800 pairs per vertical, 5 vertical rows,<br>9 horizontal rows | 242.000 kg | 1 piece |
| 6044 2 812-09 | Basic rack 80<br>two-sided, 800 pairs per vertical, 12 vertical rows,<br>9 horizontal rows | 479.000 kg | 1 piece |
| 6577 1 682-00 | Extension rack  80<br>two-sided, 800 pairs per vertical, 3 vertical rows,<br>9 horizontal rows | 90.000 kg | 1 piece |
| 6577 1 669-00 | Extension rack 80<br>two-sided, 800 pairs per vertical, 4 vertical rows,<br>9 horizontal rows | 150.000 kg | 1 piece |
| 6577 1 673-00 | Extension rack 80<br>two-sided, 800 pairs per vertical, 5 vertical rows,<br>9 horizontal rows | 216.000 kg | 1 piece |
| 6577 1 671-00 | Extension rack 80<br>two-sided, 800 pairs per vertical, 12 vertical rows,<br>9 horizontal rows | 454.000 kg | 1 piece |
| **Basic- and extension racks 1000 pairs per vertical** | | | |
| 6044 2 003-11 | Basic rack 80<br>two-sided, 1000 pairs per vertical, 3 vertical rows,<br>11 horizontal rows | 170.000 kg | 1 piece |
| 6044 2 004-11 | Basic rack 80<br>two-sided, 1000 pairs per vertical, 5 vertical rows,<br>11 horizontal rows | 206.000 kg | 1 piece |
| 6044 2 005-11 | Basic rack 80<br>two-sided, 1000 pairs per vertical, 5 vertical rows,<br>11 horizontal rows | 240.000 kg | 1 piece |
| 6044 2 012-11 | Basic rack 80<br>two-sided, 1000 pairs per vertical, 12 vertical rows,<br>11 horizontal rows | | 1 piece |
| 6577 1 242-00 | Extension rack 80<br>two-sided, 1000 pairs per vertical, 3 vertical rows,<br>11 horizontal rows | | 1 piece |
| 6577 1 243-00 | Extension rack 80<br>two-sided, 1000 pairs per vertical, 4 vertical rows,<br>11 horizontal rows | | 1 piece |
| 6577 1 058-00 | Extension rack 80<br>two-sided, 1000 pairs per vertical, 5 vertical rows,<br>11 horizontal rows | | 1 piece |
| 6577 1 248-00 | Extension rack 80<br>two-sided, 1000 pairs per vertical, 12 vertical rows,<br>11 horizontal rows | | 1 piece |

# Main Distribution Frame 80

| **Optional accessories:** | Order-No: | Description | Weight/Pack | Pack |
|---|---|---|---|---|
| | 5827 3 051-08 | Sliding ladder, knock-down model, with 8 steps | 130.000 kg | 1 piece |
| | 6044 2 106-00 | Set of screws M5 x 16<br>incl. nuts M5, washers 5.3 mm, toothed washers 5.3 mm | | 1 set |

**Order help:**

| **Variants of MDF 80** | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Capacity** | | | | **Row characteristics** | | | | | | **Order-No:** | |
| Line side | | System side | | Lines | Systems | Width | | Heigth | | Basic frame | Extension frame |
| Capacity | 100 pairs componets | Capacity | 256 pairs componets | vertical rail | horizontal rail | Basic frame with kik bar | Extension frame | Ceiling support | Room max. | | |
| pairs | (pieces) | pairs | (pieces) | (pieces) | (pieces) | (mm) | (mm) | (mm) | (mm) | | |
| **Free-standing, two-sided, with basic frame 6044 2 6XX-07** | | | | | | | | | | | |
| 1800 | 18 | 896 | 7 | 3 | 7 | 826 | 750 | 2200 | 3400 | 6044 2 603- | 6577 1 663-00 |
| 2400 | 24 | 1792 | 14 | 4 | 7 | 1076 | 1000 | 2200 | 3400 | 6044 2 604- | 6577 1 665-00 |
| 3000 | 30 | 1792 | 14 | 5 | 7 | 1326 | 1250 | 2200 | 3400 | 6044 2 605- | 6577 1 678-00 |
| 7200 | 72 | 6272 | 49 | 12 | 7 | 3076 | 3000 | 2200 | 3400 | 6044 2 612- | 6577 1 667-00 |
| **Free-standing, two-sided, with basic frame 6044 2 8XX-09** | | | | | | | | | | | |
| 2400 | 24 | 1152 | 9 | 3 | 9 | 826 | 750 | 2700 | 3900 | 6044 2 803- | 6577 1 682-00 |
| 3200 | 32 | 2304 | 18 | 4 | 9 | 1076 | 1000 | 2700 | 3900 | 6044 2 804- | 6577 1 669-00 |
| 4000 | 40 | 2304 | 18 | 5 | 9 | 1326 | 1250 | 2700 | 3900 | 6044 2 805- | 6577 1 673-00 |
| 9600 | 96 | 8064 | 63 | 12 | 9 | 3076 | 3000 | 2700 | 3900 | 6044 2 812- | 6577 1 671-00 |
| **Free-standing, two-sided, with basic frame 6044 2 0XX-11** | | | | | | | | | | | |
| 3000 | 30 | 1408 | 11 | 3 | 11 | 826 | 750 | 3200 | 4400 | 6044 2 003- | 6577 1 242-00 |
| 4000 | 40 | 2816 | 22 | 4 | 11 | 1076 | 1000 | 3200 | 4400 | 6044 2 004- | 6577 1 243-00 |
| 5000 | 50 | 2816 | 22 | 5 | 11 | 1326 | 1250 | 3200 | 4400 | 6044 2 005- | 6577 1 058-00 |
| 12000 | 120 | 9856 | 77 | 12 | 11 | 3076 | 3000 | 3200 | 4400 | 6044 2 012- | 6577 1 248-00 |

# Other Wall-Mounted Distribution Racks

## Wall-mounted Distribution Rack, KWGL

These wall-mounted distributor racks can accommodate **LSA-PLUS back-mount frames** or **equipment of the 71 series.**

❏ 2 to 5-vertical versions are available
❏ Bay spacing (centre to centre): 210 mm
❏ Cable support rail and earth bar included
❏ A sufficient number of cable guide rings are fitted horizontally and vertically
❏ Suitable for installation in data cabinets (except for direct installation in 19"-racks)
   - 2-vertical version in cabinets with a width/depth
     of 600 mm
   - 3-vertical version in cabinets with a width/depth
     of 800 mm
❏ Arranging in rows with other rack units is possible but total jumpering volume must be taken into consideration; extension kit, consisting of standard parts, must be ordered separately (Order-No: 6569 3 052-11)
❏ Back-mount frames have to be ordered separately (Recommendation: Order-No: 6442 3 250-..)
❏ Fixing components and standard parts (lateral C rails, connecting elements, M6 and M8 nuts, bolts, toothed washers) for installation in the KRONE cabinet system must be ordered separately (Order-No: 6569 2 053-02)

**Material:**
Rack: steel C sections, galvanised, yellow-chromized
System rail: square section, 2 mm steel sheet, galvanised, yellow-chromized

**Delivery:**

Fully assembled, including material for wall mounting
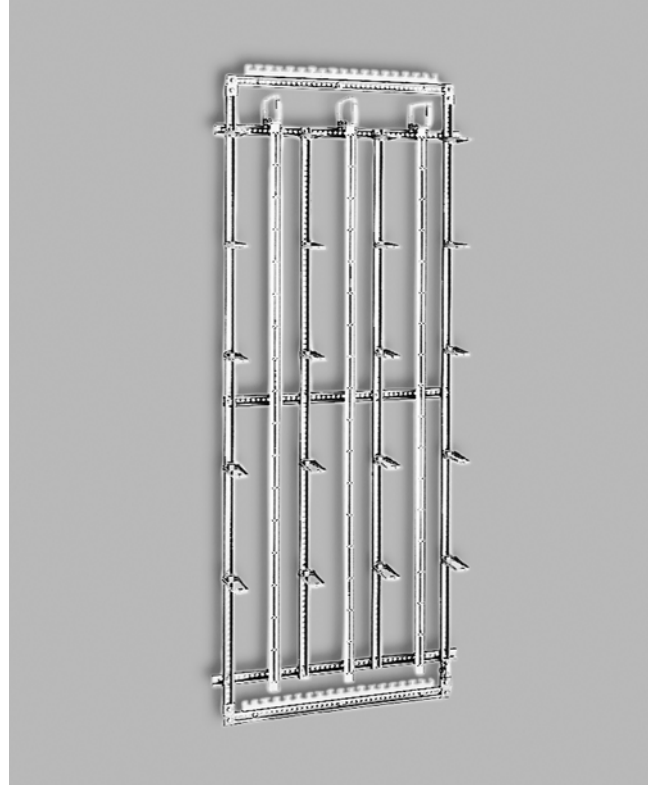
| Order data: | 6569 | | | KWGL | Capacity for back-mount frames | No. of verticals | Dimensions H x W x D in mm | Usable rail length | Weight | Pack |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 2 | | | | | | | | |
| | | | 003 | | | | | | | |
| | | | 01 | 2/200 | 2 x 100 pairs | 2 | 555 x 530 x 140 | 410 mm | 6.500 kg | 1 piece |
| | | | 03 | 2/400 | 2 x 200 pairs | 2 | 758 x 530 x 140 | 590 mm | 7.500 kg | 1 piece |
| | | | 05 | 2/600 | 2 x 300 pairs | 2 | 1108 x 530 x 140 | 950 mm | 9.000 kg | 1 piece |
| | | | 07 | 3/900 | 3 x 300 pairs | 3 | 758 x 730 x 140 | 950 mm | 13.000 kg | 1 piece |
| | | | 08 | 2/1000 | 2 x 500 pairs | 2 | 1758 x 530 x 140 | 1580 mm | 13.500 kg | 1 piece |
| | | | 10 | 4/1200 | 4 x 300 pairs | 4 | 1108 x 930 x 140 | 950 mm | 17.500 kg | 1 piece |
| | | | 11 | 3/1500 | 3 x 500 pairs | 3 | 1758 x 730 x 140 | 1580 mm | 18.000 kg | 1 piece |
| | | | 12 | 4/1600 | 4 x 400 pairs | 4 | 1483 x 930 x 140 | 1310 mm | 18.000 kg | 1 piece |
| | | | 13 | 4/2000 | 4 x 500 pairs | 4 | 1758 x 930 x 140 | 1580 mm | 20.000 kg | 1 piece |
| | | | 14 | 5/2500 | 5 x 500 pairs | 5 | 1758 x 1130 x 140 | 1580 mm | 30.000 kg | 1 piece |

## Other Wall-Mounted Distribution Racks
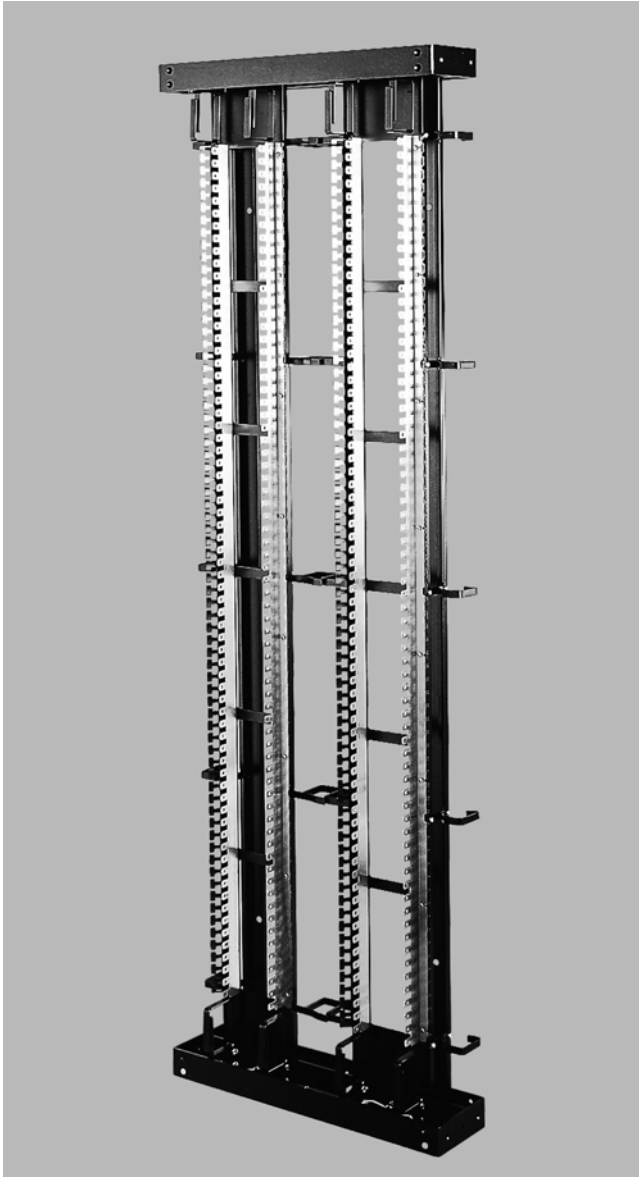


Distribution rack (with two verticals)

### Distribution Rack

The modular distribution racks can directly accommodate LSA-PLUS and LSA PROFIL modules series 2. As delivered, the installation width for the modules is 95 mm but the rack can easily be refitted for 75 mm (8-pair modules).

❑ Capacity: 690 pairs (with one vertical) or 1380 pairs (with two verticals)
❑ Set-up options: freestanding (single-sided or back-to-back) or wall-mounted (front, back and side panels are available on request)
❑ Two distribution racks can be fixed together with bolts (not included in delivery) to form a bank
❑ For a bank we recommend that the installation be limited to 5000 pairs (the volume of the jumpers has to be taken into account!)
❑ A sufficient number of cable guides are pre-installed

Material: sheet-steel
Colour: black (similar to RAL 9011)

**Scope of delivery:**

Distribution rack (completely assembled) without wall-fixing material

| Order data: | Order-No: | Description | Weight/Pack | Pack |
|---|---|---|---|---|
| | 6420 1 013-00 | Distribution Rack (with two verticals) | 29.000 kg | 1 piece |
| | | Dimensions: 2004 x 570 x 150 mm (H x W x D) | | |
| | 6420 1 050-00 | Distribution Rack (with one vertical) | 16.000 kg | 1 piece |
| | | Dimensions: 2004 x 285 x 150 mm (H x W x D) | | |

# Other Wall-Mounted Distribution Racks

## LSA-PLUS® Wall-mounted Distribution Kit

The LSA-PLUS wall-mounted distributor is a quick mounting rack which can accommodate up to 4 self-supporting back-mount frames. Depending on the purpose of the distributor, the back-mount frames can be equipped with connection or disconnection modules of the LSA-PLUS Series 2 range. Each kit has a distribution capacity of up to 1600 pairs.

Kits should not be arranged in rows (jumpering volume should be observed!)

**Scope of delivery:**
2 Mounting plates
(can accommodate LSA-PLUS back-mount frames)
2 C-rails, 695 mm
10 Cable guide rings (closed)
Mounting instruction
**Dimensions:**
Total width: 695 mm
Fixing width: 609 ± 3 mm

**Height:**
The total height H and the fixing height C result from the used LSA-PLUS back-mount frames (pitch 22.5 mm, depth of cable space 50 mm) as follows:
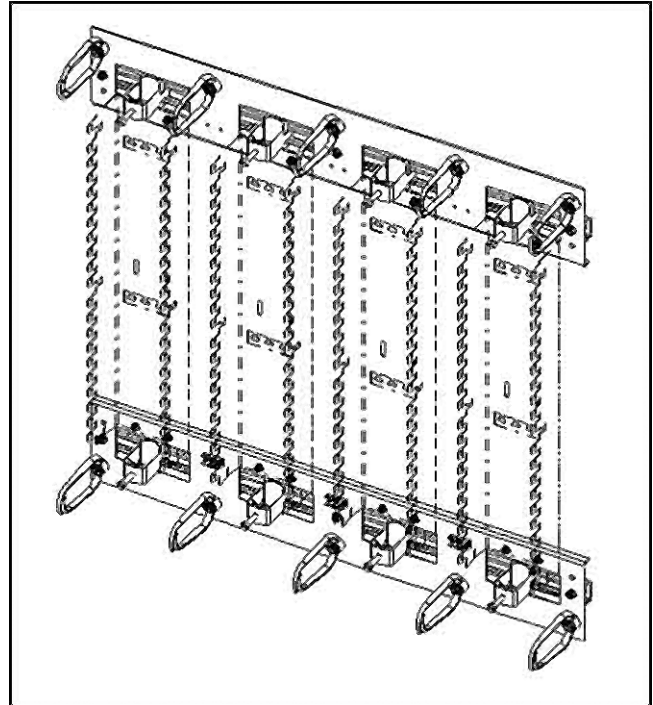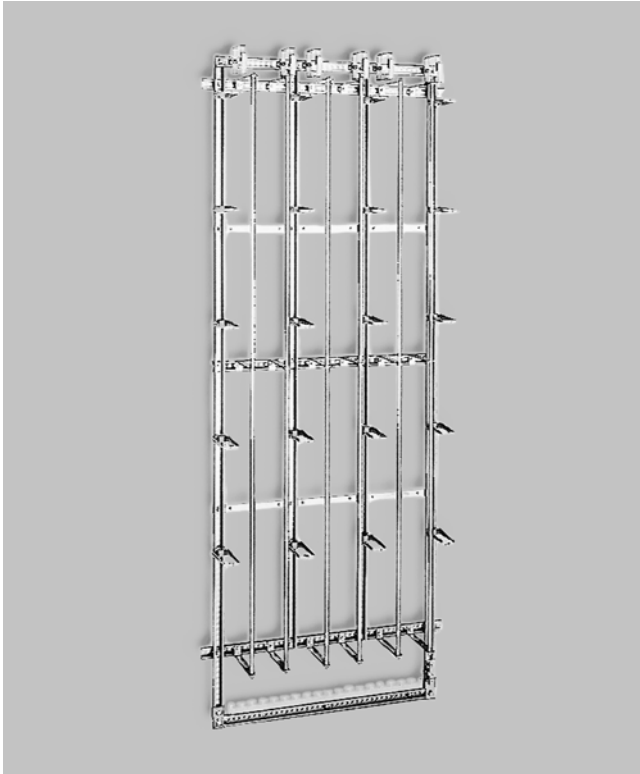


| Order-No: | Piece | Distribution height in mm | |
| | | C | H |
|---|---|---|---|
| 5267 3 585-00 | 1x 10 + 1 | 333 | 465 |
| 5267 3 585-01 | 2x 10 + 1 | 565 | 697 |
| 5267 3 585-02 | 3x 10 + 1 | 798 | 930 |

**Order data:**

| Order-No: | Description | Weight/Pack | Pack |
|---|---|---|---|
| 6577 1 011-04 | LSA-PLUS wall-mounted distribution kit | 5.100 kg | 1 piece |

## Other Wall-Mounted Distribution Racks



### Wall-mounted Distribution Rack, KWGP

These wall-mounted distribution racks can directly accommo-date **LSA PROFIL modules** with a fixing dimension of 95 mm. They **cannot** be refitted for modules with a fixing dimension of 75 mm.

❏ 2 to 5-vertical versions are available
❏ Bay spacing (centre to centre): 210 mm
❏ Cable support and equipotential bar installed
❏ A sufficient number of cable guide rings is fitted both hori-zontally and vertically
❏ Can be installed in data distribution cabinets (but not directly in 19" racks)
   - 2-vertical version in cabinets with a width/depth of 600 mm
   - 3-vertical version in cabinets with a width/depth of 800 mm
❏ Arrangement in rows with other rack units is possible but the jumpering volume has to be taken into account; Exten-sion kit, consisting of standard parts, must be ordered separately (Order-No: 6569 3 052-11)
❏ Fixing and standard parts (lateral C rails, connecting ele-ments, M6 and M8 nuts, bolts, toothed washers) for instal-lation in the KRONE cabinet system must be ordered separately (Order-No: 6569 2 052-02)

**Material:**
The rack is made of C sections, galvanized, yellow-chromized
Profil rod: stainless-steel tubing, 12 mm in diameter

**Delivery:**

Fully assembled; material for fixing the rack to the wall is inclu-ded in the delivery

**Order data:**

| 6569 | | | KWGP | Capacity for LSA PROFIL-modules with a pitch | No. of verticals | Dimensions H x W x D in mm | Usable profile rod length | Weight | Pack |
|---|---|---|---|---|---|---|---|---|---|
| | 2 | | | | | | | | |
| | | 003 | | | | | | | |
| | | | 15 | 2/160 | 2 x 80 pairs | 2 | 355 x 530 x 140 | 200 mm | 2.500 kg | 1 piece |
| | | | 16 | 2/300 | 2 x 170 pairs | 2 | 555 x 530 x 140 | 400 mm | 5.500 kg | 1 piece |
| | | | 17 | 2/500 | 2 x 250 pairs | 2 | 758 x 530 x 140 | 575 mm | 7.000 kg | 1 piece |
| | | | 18 | 2/800 | 2 x 410 pairs | 2 | 1108 x 530 x 140 | 925 mm | 8.000 kg | 1 piece |
| | | | 19 | 3/1200 | 3 x 410 pairs | 3 | 1108 x 730 x 140 | 925 mm | 11.000 | 1 piece |
| | | | 20 | 2/1400 | 2 x 690 pairs | 2 | 1758 x 530 x 140 | 1575 mm | 12.000 | 1 piece |
| | | | 21 | 4/1600 | 4 x 410 pairs | 4 | 1108 x 930 x 140 | 925 mm | 16.000 | 1 piece |
| | | | 22 | 3/2100 | 3 x 690 pairs | 3 | 1758 x 730 x 140 | 1575 mm | 16.500 | 1 piece |
| | | | 23 | 4/2200 | 4 x 570 pairs | 4 | 1483 x 930 x 140 | 1300 mm | 20.000 | 1 piece |
| | | | 24 | 4/2800 | 4 x 690 pairs | 4 | 1758 x 930 x 140 | 1575 mm | 26.500 | 1 piece |
| | | | 25 | 5/3500 | 5 x 690 pairs | 5 | 1758 x 1130 x | 1575 mm | 29.500 | 1 piece |

# Other Wall-Mounted Distribution Racks

## LSA PROFIL® Wall-mounted Distribution Kit

### Basic-kit

The LSA-PROFIL wall-mounted distributor rack kit is used for fast installations onto walls or into 19" systems. Up to 3 profile bays can be mounted on the 500 mm long C rails. Each profile bay consists of two round rods (800 mm long) and 2 LSA profile rods 95, as well as a sufficient number of jumper guides, which are mounted on the upper and lower C rails. Each bay can accommodate up to 32 LSA PROFIL modules, which means that a 3-bay distributor can accommodate up to 960 pairs (gross). Banks of distributor racks can be set up; however, they should be limited to two basic kits (the jumpering volume has to be taken into account!).

### Two kits are available

❑ Basic kit
❑ Extension kit

With the exception of the two 500 mm long C profile rails in the basic kit, the two kits contain the same components and the same number of each component.

### Material:

Rack: steel C profiles, galvanized (yellow-chromized)
Mounting plates: sheet-steel
Jumper guide hooks: plastic

### Scope of delivery:
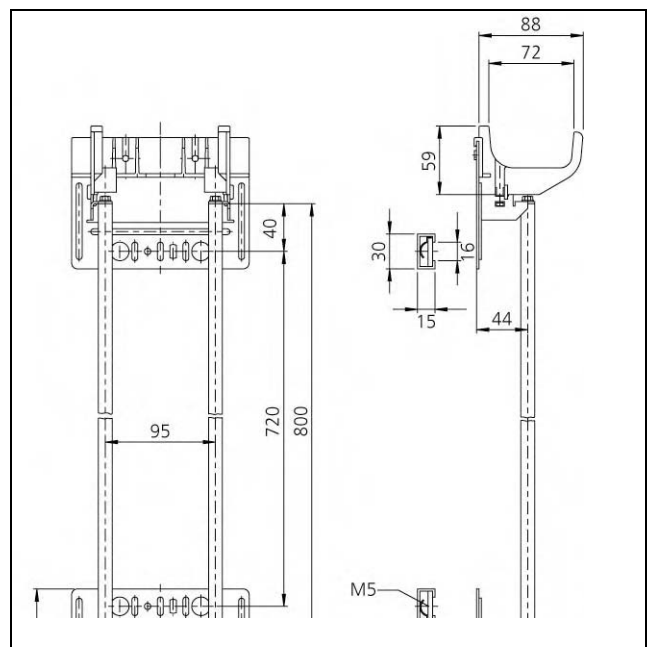
Kit (unassembled), without fixing material

### Dimensions:

Total width:   500 mm
Refer to illustration for individual dimensions

### Order example:

Requirement for one distributor with 3 bays:

❑ One basic kit (Order-No: 9101 1 010-00) and
❑ Two extension kits (Order-No: 9101 1 011-00)

| | Order-No: | Description | Weight/Pack | Pack |
|---|---|---|---|---|
| **Order data:** | 9101 1 010-00 | LSA PROFIL wall-mounted distribution rack, basic kit | 3.000 kg | 1 set |
| | 9101 1 011-00 | LSA PROFIL wall-mounted distribution rack, extension kit | 2.000 kg | 1 set |