Rittal – **TopConsole System**

Top design with infinite installation possibilities

FRIEDHELM LOH GROUP

RITTAL®

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RITTAL AT ITS BEST: THE NEW TOPCONSOLE SYSTEM

Form follows function. Remaining true to this clear principle, Rittal has developed a console system with an unmistakeable slim-line appearance. The enhanced design was chosen not simply for the sake of change, but as a perfect realisation of the human/machine interface. Incorporating very special qualities with regard to modular configuration, ease of assembly and system accessories – and that all combined with outstanding cost benefits.

Top form down to the finest detail. A design with that something extra!

Top design with functionality:
The grip sits firmly in the hand, and ingeniously hides the lock of the hinged lid. The design is matched to the form language of the whole human/machine interface family.

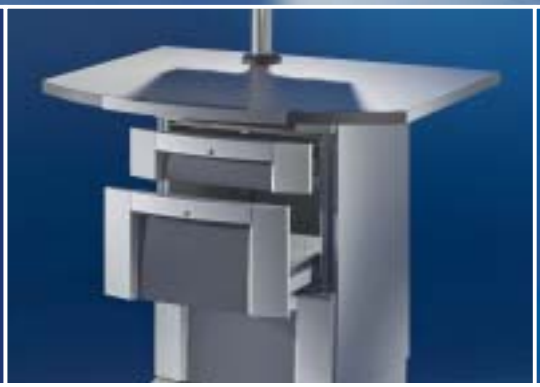
The diversity of combination:
The elements of the TopConsole system can be combined individually with other human/machine interface modules.

Simple single-handed operation:
The self-latching stay holds the desk unit lid open at the individually desired angle.

Simple assembly with built-in “assistant”:
The integrated “mounting assistant” can be used as an adjustment and securing aid. Simply slot together, lock in place and screw tight.

Individual interior configuration:
Rittal’s extensive range of modular system accessories permits the tailoring of immediately cost-effective individual solutions.

Comfort Panel
Flexibility: Every interaction is given optimum support. Irrespective of whether it is a standard enclosure or customised enclosure, with support arm or with a stand system – everything is possible.



Industrial workstations
Modularity: More working space than a PC enclosure, but more compact than a desk. The IW modularity enables individual customer requirements to be implemented perfectly.

PC enclosure systems
Safety: PC enclosure systems ensure the safe housing of monitors, computer systems, printers and mice in factory automation plants.

A POWERFUL MEMBER OF THE RITTAL "HUMAN/MACHINE INTERFACE" FAMILY

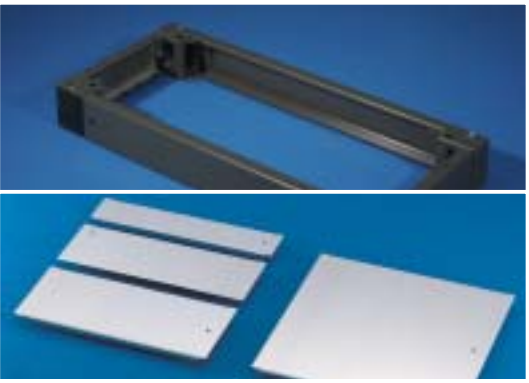
The interface between man and machine has a decisive effect on productivity.

Therefore Rittal supplies a wide range of units for meeting the modern demands of human/machine interfaces.

Superb quality, inexpensively priced, and ergonomically customised to meet individual requirements. Programming, operating, monitoring.

People still remain the centre of focus with the new Rittal TopConsole.

Our research and development department has produced top solutions based on the many decades of know-how that we have gained in discussions with our customers: Customised operating enclosures, industrial workstations, PC enclosure systems and the new TopConsole system. An unbeatable human/machine interface team when it comes to individuality and productivity and used in conjunction with Rittal system accessories.



To individual TopConsole system installations the Rittal philosophy also applies:
Attractive diversity – Infinite possibilities at long last.

The extensive range of Rittal system accessories, such as plinths, locking systems, wiring plan pockets, the variety of TS 8 busbar systems for interior installation and the options of the CM cable entries ensure that your requirements can be met perfectly, quickly and cost effectively.

Designed with a function:
The design strip combines the handle and the lock. Stylishly integrated: the keyboard drawer.

Workstation with ideas:
The console lid for the desk unit and the console provides you with a lot more surface area for switches, displays and controls, i.e. for this Rittal keyboard.

Functionality with a “click”:
The integrated “mounting assistant” can be used as an adjustment and securing aid. It enables easy and quick installation to be realised with just a “click”.

Single-handed operation:
The desk unit lid stay locks in automatically and it can be unlocked in one operation.

Simple assembly:
The fitted mounting plate slides in and locks easily into position (in a 25 mm pitch pattern). This depth variable installation and securing technology saves a lot of time and money when being assembled and during servicing.

Extra advantage:
All TopConsole modules are fitted with threaded studs and are therefore ready for use in TS compatible configurations (rails, busbar systems, partial mounting plates and many more besides).

INTERIORS AND EXTERIORS WITHOUT ANY RESTRICTIONS – TOPCONSOLE WITH INTEGRATED MODULARITY

Planning safety and the maximum degree of freedom for individual applications – optimum conditions for the system designer. These conditions were clearly the main focus during the development of the new Rittal TopConsole systems. The sophisticated design ensures easy and flexible installation and population. The extensive and installation friendly TS 8 system accessories provide infinite upgrade options for the series. Your benefit: Less costs incurred due to reduced stock and logistical expenditure.

Practical diversity:
Perforated system strips fitted to doors and covers for TS compatible installation, i.e. for mounting rails or wiring plan pockets.

Perfect cable entry options:
TopConsole system – Which also means more combination options for cable entries thanks to individual gland plates.

Easy baying:
The TopConsole system lets you easily connect to the baying strips which are fitted between the pedestal and the desk unit.

TopConsole – great diversity at all levels

The console

Choose between two different heights (650 and 750 mm).

- Modular interior installation
- The consoles of the console systems can also be used as a "stand-alone" solution if mounted with wall mounting brackets. That way they can also be used as a display enclosure.

The desk unit

There are two versions for the different combinations:

- as a finished console unit used in combination with the TopConsole's pedestal
- for further combinations with the TopConsole's console unit

Other features:

- Modular interior installation
- Easy installation of a keyboard drawer

The pedestal

Choose between two different heights (400 and 500 mm).

- 500 mm deep: Door(s) fitted on the front and rear
- 400 mm deep: Choose with door(s) fitted on the front or rear
- Depth-variable mounting plate
- Modular interior installation
- Fittings and installation (e.g. climate control) without any expensive enclosure modifications

Stylish ergonomics:
Screens, displays and operating controls are mounted in an ergonomically favourable angle. The slim, stylish design and the large surface are just perfect.

User-friendly security:
Whereas two to three locks were previously needed (depending on the width) the single lock now uses locking bars to realise the double locking capability.

Design line:
The integrated lock, which is shielded by a hinged flap, is visually aligned with the handle strip.

BEST WHEN COMBINED: ERGONOMIC, DESIGN AND FUNCTION

Rittal have set new standards for the human/machine interface TopConsole system by taking ergonomics, visual appearance and functionality into consideration. The new console system is clearly “thinner” and far more versatile overall. Not only has the usable mounting area and the interior installation modularity been clearly expanded but so has the variability within the “human/machine interface” family. It is now even easier to implement different combinations of TopConsole modules with support arm system modules, command panels or industrial workstations.

Major diversity from using combinations with command panels and industrial workstations

Example 1: The pedestal of a TopConsole combined with an IW worktop.

Example 2: The pedestal of a TopConsole combined with a TopConsole desk unit, CP-L support arm components and a command panel.

Example 3: A TopConsole desk unit combined with the pedestal of an IW that is 600 mm deep.

TopConsole System TP

Combination options

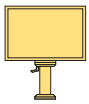
Easy selection of your desired combination
The TP TopConsole systems components can be combined in many user specific versions as shown in the diagrams below. The table opposite allows you to immediately find the order number for your selection. In addition to this, the IW and command panel range make the new TP TopConsole system combination options virtually infinite.

Small operating units can easily be integrated in separate command panels.

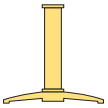
Completely new options with regard to space utilisation are available when used in conjunction with our range of IW enclosures.

The TS modular base/plinth system also ensures more cable entry flexibility even when used with consoles.

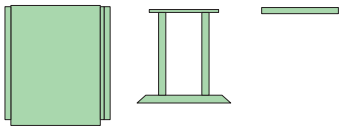
Rittal human/machine interface family



Command panels can be found in Cat. 31, from page 154.

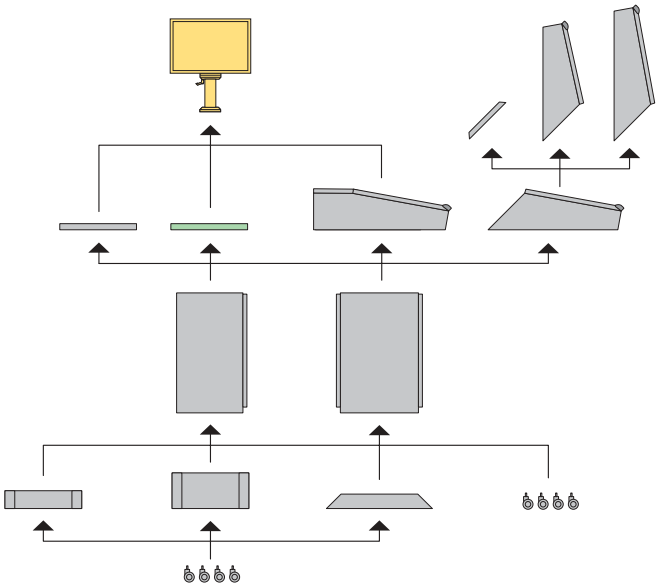


Stand systems can be found in Cat. 31, from page 228.

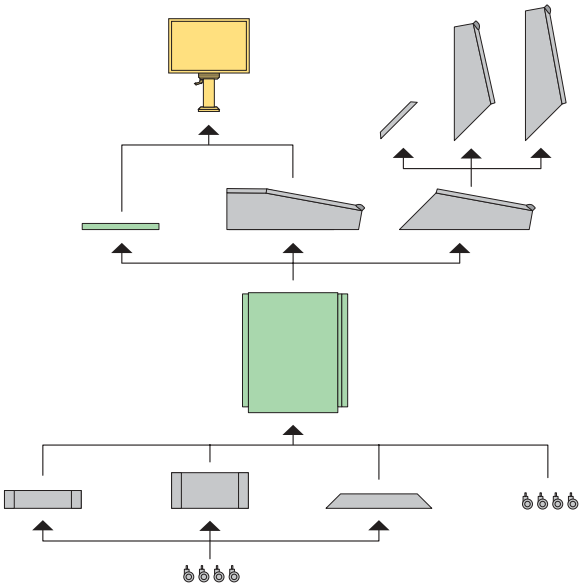


Industrial workstations (IW) can be found in Cat. 31, from page 238.

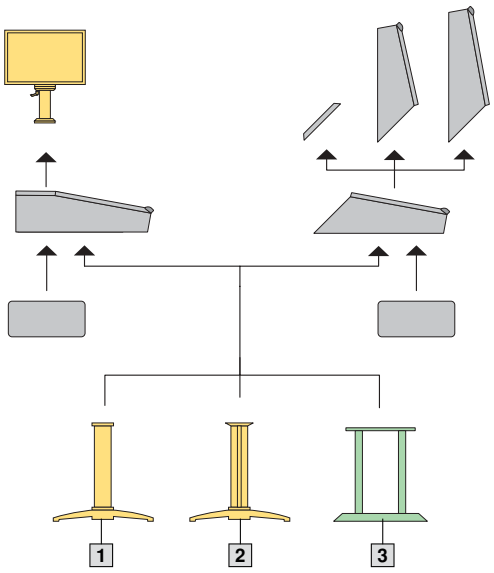
Combined with console base sections



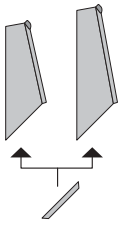
Combined with IW enclosures



Combined with pedestals

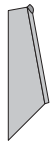
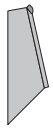
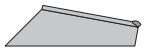
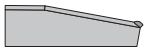


Upper section used as wall enclosure



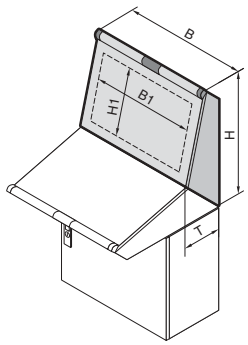
1 Pedestal, height adjustable for 600 mm width
2 Pedestal for IW worktops with 600 mm width
3 Worktop bases for ≥ 800 mm width

Overview table

Width mm		600		800		1200		1600	
		Model No.	**Model No.**	**Model No.**	**Model No.**	**Model No.**	**Model No.**	**Model No.**	**Model No.**
Console, upper section									
	Height 750 mm	**6720.500**		**6721.500**		**6722.500**		**6723.500**	
	Height 650 mm	**6724.500**		**6725.500**		**6726.500**		**6727.500**	
Desk unit already prepared for an upper section									
	Depth 755 mm	**6714.500**		**6715.500**		**6716.500**		**6717.500**	
Console/desk unit trim panel									
	for height 650/750 mm	**6730.200**		**6730.210**		**6730.220**		**6730.230**	
Rear of desk unit, with hinged lid									
	Depth 755 mm	**6710.500**		**6711.500**		**6712.500**		**6713.500**	
Desk unit gland plate (see Innovations 2005/2006, page 188 for other gland plates)									
	Solid Size 4	**2562.400**		**–**		**2 x 2562.400**		**–**	
	Solid Size 5	**–**		**2563.150**		**–**		**2 x 2563.150**	
	pre-punched	**–**		**2203.010**		**–**		**2 x 2203.010**	
Trim panel									
	D mm	400	500	400	500	400	500	400	500
		6730.000	**6730.100**	**6730.010**	**6730.110**	**6730.020**	**6730.120**	**6730.030**	**6730.130**
Pedestal									
	D mm	400	500	400	500	400	500	400	500
	Height 675 mm	**6700.500**	**6704.500**	**6701.500**	**6705.500**	**6702.500**	**6706.500**	**6703.500**	**6707.500**
Base/plinth components, front and rear									
	Height 200 mm	**8602.600**		**8602.800**		**8602.200**		**8602.920**	
	Height 100 mm	**8601.600**		**8601.800**		**8601.200**		**8601.920**	
Base/plinth trims, side									
	D mm	400	500	400	500	400	500	400	500
	Height 200 mm	**8602.040**	**8602.050**	**8602.040**	**8602.050**	**8602.040**	**8602.050**	**8602.040**	**8602.050**
	Height 100 mm	**8601.040**	**8601.050**	**8601.040**	**8601.050**	**8601.040**	**8601.050**	**8601.040**	**8601.050**
Cross-member, adjustable									
	Height 75 mm	**8601.450**		**8601.450**		**8601.450**		**8601.450**	
Castors									
	Height 125 mm	**4634.500**		**4634.500**		**4634.500**		**4634.500**	

TopConsole System TP

Consoles



Material:
Sheet steel
Enclosure: 1.5 mm
Cover: 2.0 mm
Design handle strips: Aluminium
Corner protectors and lock lids: Plastic, self-extinguishing

Surface finish:
Enclosure and cover: Dipcoat-primed, powder-coated in textured RAL 7035 on the outside
Design handle strips: Natural-anodised
Corner protectors and lock lids: RAL 7015

Protection category:
IP 55 as per EN 60 529/10.91 (when using the relevant trim panel, see page 16, or mount on a desk unit)

Rittal service:

- Other sizes, cut-outs and holes available on request
- Console for direct mounting on the pedestal using a trim panel.

Supply includes:
Enclosure with lid, hinged top or bottom, includes lid stays, open bottom for running separate cables.

Detailed drawing,
see page 24.

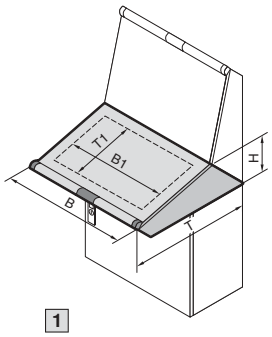
Width (B) mm		Packs of	600	800	1200	1600	600	800	1200	1600	Page
Height (H) mm			650	650	650	650	750	750	750	750	
Depth (T) mm			240	240	240	240	240	240	240	240	
Max. cut-out	**Width** (B1) mm		488	688	1088	1488	488	688	1088	1488	
	Height (H1) mm		313	313	313	313	413	413	413	413	
Model No. TP			**6724.500**	**6725.500**	**6726.500**	**6727.500**	**6720.500**	**6721.500**	**6722.500**	**6723.500**	
Accessories											
Trim panel (when used alone)		1	6730.200	6730.210	6730.220	6730.230	6730.200	6730.210	6730.220	6730.230	17
Rail for interior installation, horizontal	for width	4	5001.050	5001.051	5001.053	5001.055	5001.050	5001.051	5001.053	5001.055	20
Punched sections with mounting flanges 17 x 73 mm[1)]	for lid	4	8612.140	8612.140	8612.140	8612.140	8612.150	8612.150	8612.150	8612.150	20
	for enclosure	4	8612.150	8612.150	8612.150	8612.150	8612.150	8612.150	8612.150	8612.150	20
Support strip[1)]	for lid	20	4694.000	4694.000	4694.000	4694.000	4695.000	4695.000	4695.000	4695.000	20
	for enclosure	20	4695.000	4695.000	4695.000	4695.000	4695.000	4695.000	4695.000	4695.000	20
Punched rail 18 x 38 mm[1)]	for lid	4	8612.240	8612.240	8612.240	8612.240	8612.250	8612.250	8612.250	8612.250	20
	for enclosure	4	8612.250	8612.250	8612.250	8612.250	8612.250	8612.250	8612.250	8612.250	20
Partial mounting plate	200 mm width	1	6730.310	6730.310	6730.310	6730.310	6730.310	6730.310	6730.310	6730.310	17
	500 mm width	1	6730.330	6730.330	6730.330	6730.330	6730.330	6730.330	6730.330	6730.330	17
Lock systems											
Standard double-bit lock insert may be exchanged for 27 mm lock inserts, type A, see page Cat. 31, page 888.											

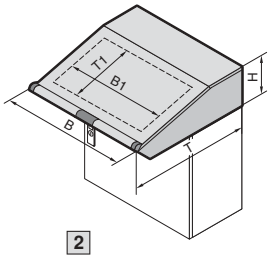
To order primed consoles please add extension .800 to the Model No. Delivery times available on request.
[1)] Can be vertically mounted in lid and rear enclosure wall.

Interface flaps
as programming interface, for maintenance access and for connecting to network structures.
For Model No. see Innovations 2005/2006, page 200.

TP partial mounting plate
200 mm, 500 mm and 700 mm wide mounting plates are available as accessories. The screws fitted at the side enable several partial mounting plates to be bayed very quickly to form a continuous mounting area.
See page 17 for Model No.

Desk units





Material:
Sheet steel
Enclosure: 1.5 mm
Cover: 2.0 mm
Design handle strips: Aluminium
Corner protectors and lock lids: Plastic, self-extinguishing

Surface finish:
Enclosure and cover:
Dipcoat-primed, powder-coated in textured RAL 7035 on the outside
Design handle strips:
Natural-anodised
Corner protectors and lock lids:
RAL 7015

Protection category:
IP 55 as per EN 60 529/10.91
When combined with console, trim panel for console/desk unit, gland plate and pedestal.

Rittal service:

- Other sizes, cut-outs and holes available on request
- Console centre section, with rear hinged lid, with mounting cut-out and CP-L support arm system reinforcement available upon request

Supply includes:
Enclosure with lid, hinged at rear, 2 stays with automatic locking and unlocking,
Gland plate opening for running cables into the enclosure base.

1 Prepared for console: rear open up to the top

2 Rear with hinged lid

Detailed drawing,
see page 24.

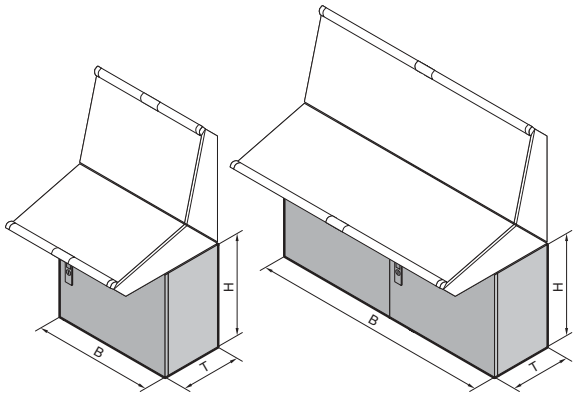
		Packs of	1 Prepared for console				2 Rear with hinged lid				Page
Width (B) mm			600	800	1200	1600	600	800	1200	1600	
Height (H) mm			235	235	235	235	235	235	235	235	
Depth (T) mm			750	750	750	750	750	750	750	750	
Max. cut-out Console lid	**Width** (B1) mm		488	688	1088	1488	488	688	1088	1488	
	Depth (T1) mm		413	413	413	413	413	413	413	413	
Model No. TP			**6714.500**	**6715.500**	**6716.500**	**6717.500**	**6710.500**	**6711.500**	**6712.500**	**6713.500**	
Accessories											
Console/desk unit trim panel		1	6730.200	6730.210	6730.220	6730.230	–	–	–	–	17
Size 4 gland plate	solid	1	2562.400	–	2 x 2562.400	–	2562.400	–	2 x 2562.400	–	IN 06, p. 188
Size 5 gland plate	solid	1	–	2563.150	–	2 x 2563.150	–	2563.150	–	2 x 2563.150	IN 06, p. 188
Rail for interior installation	for width	4	5001.050	5001.051	5001.053	5001.055	5001.050	5001.051	5001.053	5001.055	20
Punched sections with mounting flanges 17 x 73 mm[1)]	in the depth	4	8612.150	8612.150	8612.150	8612.150	8612.150	8612.150	8612.150	8612.150	20
Support strip[1)]	in the depth	20	4695.000	4695.000	4695.000	4695.000	4695.000	4695.000	4695.000	4695.000	20
Punched rail 18 x 38 mm[1)]		4	8612.250	8612.250	8612.250	8612.250	8612.250	8612.250	8612.250	8612.250	20
Partial mounting plate	200 mm width	1	6730.310	6730.310	6730.310	6730.310	6730.310	6730.310	6730.310	6730.310	17
	500 mm width	1	6730.330	6730.330	6730.330	6730.330	6730.330	6730.330	6730.330	6730.330	17
Lock systems											
Standard double-bit lock insert may be exchanged for 27 mm lock inserts, type A, see page Cat. 31, page 888.											

To order primed desk units please add extension .800 to the Model No. Delivery times available on request.
[1)] Can be mounted in the lid and enclosure base.

Metal gland plates
For closing off the cable entry openings in the base when being used without pedestal,
For Model No. see Innovations 2005/2006, page 188.

Cable glands
of polyamide or brass,
Model No. see Cat. 31, page 972.

Pedestals



Material:
Sheet steel
Enclosure: 1.5 mm
Door: 2.0 mm
Mounting plate: 2.5 mm

Surface finish:
Enclosure and door:
Dipcoat-primed,
powder-coated on the outside in
Textured RAL 7035
Mounting plate: Zinc-plated

Protection category:
IP 55 to EN 60 529/10.91
(when using the relevant trim panel, see page 16, or fit a desk unit as well as choosing a relevant gland plate, see page 15)

Rittal service:
Other sizes, cut-outs and holes available on request.

Supply includes:
Enclosure, open at the top, door or double door with locking rod (with 400 mm depth at the front, with 500 mm depth at the front and rear), depth-adjustable mounting plate, open base for individual cable entry options.

Detailed drawing,
see page 25.

Width (B) mm		Packs of	600	800	1200	1600	600	800	1200	1600	Page
Height (H) mm			675	675	675	675	675	675	675	675	
Depth (T) mm			400	400	400	400	500	500	500	500	
Model No. TP			**6700.500**	**6701.500**	**6702.500**	**6703.500**	**6704.500**	**6705.500**	**6706.500**	**6707.500**	
Door(s)			1	1	2	2	1/1	1/1	2/2	2/2	
Base/plinth											
Components front and rear	Height 100 mm	1 set	8601.600	8601.800	8601.200	8601.920	8601.600	8601.800	8601.200	8601.920	18
	Height 200 mm	1 set	8602.600	8602.800	8602.200	8602.920	8602.600	8602.800	8602.200	8602.920	18
Trim panels (sides)	Height 100 mm	1 set	8601.040	8601.040	8601.040	8601.040	8601.050	8601.050	8601.050	8601.050	18
	Height 200 mm	1 set	8602.040	8602.040	8602.040	8602.040	8602.050	8602.050	8602.050	8602.050	18
Cross-member, adjustable		2	8601.450	8601.450	8601.450	8601.450	8601.450	8601.450	8601.450	8601.450	19
Accessories											
Pedestal trim plate		1	6730.000	6730.010	6730.020	6730.030	6730.100	6730.110	6730.120	6730.130	16
Rail for interior installation	for height	4	5001.050	5001.050	5001.050	5001.050	5001.050	5001.050	5001.050	5001.050	20
Punched sections with mounting flanges, 17 x 73 mm	in the depth	4	8612.140	8612.140	8612.140	8612.140	8612.150	8612.150	8612.150	8612.150	20
Punched rail 18 x 38 mm	in the depth	4	8612.240	8612.240	8612.240	8612.240	8612.250	8612.250	8612.250	8612.250	20
Mounting bars	in the depth	20	4694.000	4694.000	4694.000	4694.000	4695.000	4695.000	4695.000	4695.000	20
Punched sections with mounting flanges, 17 x 73 mm	for door	4	8612.050	–	8612.050	–	8612.050	–	8612.050	–	20
Support strips	for door	20	4596.000	4598.000	4596.000	4598.000	4596.000	4598.000	4596.000	4598.000	Cat. 31, p. 895
Cable clamp rail		1	5001.080	5001.081	5001.083	5001.084	5001.080	5001.081	5001.083	5001.084	23
Wiring plan pocket		1	4116.500	4118.500	4116.500	4118.500	4116.500	4118.500	4116.500	4118.500	IN 06, p. 181

Lock systems

Standard double-bit lock insert may be exchanged for 27 mm lock inserts, type A, see page Cat. 31, page 888 and Ergoform-S lock system, see Cat. 31, page 885.

To order primed pedestals please add extension .800 to the Model No. Delivery times available on request.

Gland plates
- See page 15 for gland plates with different depths.
- Sections for cable entry, see page 16.
- Cable entry plates, see page 15.

Hinges 180°
For retrospective conversion of standard doors with 130° hinges, including assembly parts.

Packs of	**Model No. SZ**
6	**4189.000**

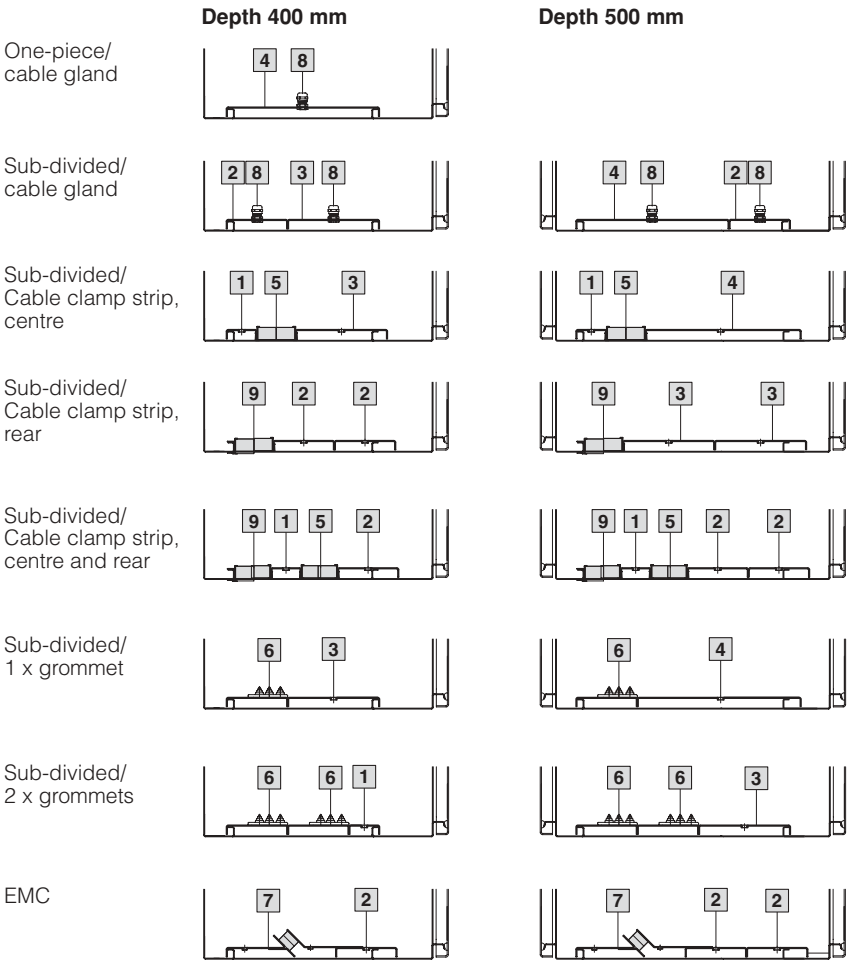
Gland plates

Select suitable gland plates depending on the application. The following examples illustrate the individuality of cable entry design. Potential equalisation is provided via assembly components and earthing points.

Design	For console width mm			
	600	800	1200	1600
	Model No.			
1	5001.210	5001.211	5001.213	5001.233
2	5001.214	5001.215	5001.217	5001.234
3	5001.218	5001.219	5001.221	5001.235
4	5001.222	5001.223	5001.225	5001.236
6	5001.226[1)]	5001.227[1)]	5001.229[1)]	5001.237

[1)] Cable entry grommets, see page 16.

Combination options:



Material:
Sheet steel, zinc-plated

Protection category:
IP 55 if mounted correctly.

Supply includes:
Assembly parts.

Note:
The base opening is sub-divided to give greater stability and universal cable entry in the case of 1200 and 1600 mm console width and these can be fitted differently.

Key:

1 Gland plate, depth 50 mm

2 Gland plate, depth 100 mm

3 Gland plate, depth 150 mm

4 Gland plate, depth 250 mm

5 Section for cable entry, centre, depth 63 mm, see page 16.

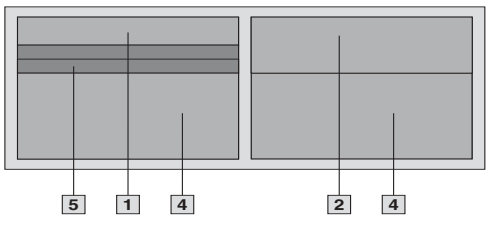
6 Cable entry plate, depth 100 mm, see above.

7 EMC gland plate, depth 222 mm, see Cat. 31, page 958.

8 Cable glands, see Cat. 31, page 972.

9 Section for cable entry, rear, depth 63 mm, see page 16.

Order example:
TP TopConsole pedestal 6706.500
(W/H/D 1200 x 675 x 500 mm)
– On left, two-part gland plate with cable clamp strip
– On right, two-part gland plate



You will need:

1 1 gland plate, depth 50 mm, 5001.213

2 1 gland plate, depth 100 mm, 5001.217

4 2 gland plates, depth 250 mm, 5001.225

5 2 sections for cable entry, centre, TS 8802.120, see page 16. (Packs of 4)

System accessories

Section for cable entry, centre

For top-mounting on the gland plates.

- Easier mounting
- Full-surface support

Supply includes:
1 set =
2 sections for base plate,
each with bonded seal.

For console width mm	Packs of	Model No. TS
600	1 set	**8802.060**
800	1 set	**8802.080**
1200	2 sets	**8802.120**
1600	2 sets	**8802.160**

Section for cable entry, rear

Unlike the section for cable entry, centre, the rear section is mounted directly onto the base opening. In this way, the cables may be routed directly onto a cable clamp rail without large bending radii.

Material:
Extruded aluminium section,
PU foam seal,
cross-section: 30 x 25 mm

Protection category:
IP 55 if mounted correctly.

For console width mm	Packs of	Model No. TS
600	1 set	**8802.065**
800	1 set	**8802.085**
1200	2 sets	**8802.125**
1600	2 sets	**8802.165**

Supply includes:
1 set =
1 section for base opening,
1 section for base plate,
each with bonded seal.

Cable entry grommets

In conjunction with the cable entry plate, simple and fast sealing of cables inserted in the base area of enclosures.

Protection category:
IP 55 if mounted correctly.

Cable per grommet	Max. Ø mm	Packs of	Model No. TS
8	13	25	**4316.000**
3	21	25	**4317.000**
1	47	25	**4318.000**

Connector grommets

Suitable for cable diameters from 8 to 36 mm.

Packs of	Model No. TS
10	**4311.000**

Trim plate

for pedestal
For covering the complete top opening when using the pedestal on its own.

Material:
Sheet steel

Colour:
Textured RAL 7035

Protection category:
IP 55

Supply includes:
Assembly parts.

For pedestal		Model No. TP
Width mm	Depth mm	
600	400	**6730.000**
800		**6730.010**
1200		**6730.020**
1600		**6730.030**
600	500	**6730.100**
800		**6730.110**
1200		**6730.120**
1600		**6730.130**

1

2

Trim plate

for console/desk unit
For covering the entire top opening when used alone.

Material:
Sheet steel

Colour:
Textured RAL 7035

Protection category:
IP 55

Supply includes:
Assembly parts.

1 Console used as a wall-mounted enclosure

2 Trim panel on desk unit

For console Width mm	Model No. TP
600	**6730.200**
800	**6730.210**
1200	**6730.220**
1600	**6730.230**

Note:
Can be used with desk unit prepared for an upright console as well.

Detailed drawing,
see page 26.

Partial mounting plates, locatable into rails

For installation in:
- Console and desk unit on the interior installation system rails
- Punched sections with mounting flanges or support strips fitted to the side of the pedestal in the depth
- Other enclosures mounted on rails with 25 mm pitch pattern punchings

For easy mounting on pre-fitted assembly screws. Can be bayed using the side screws.

Material:
Sheet steel, zinc-plated

Supply includes:
Assembly parts.

Width mm	Height mm	Packs of	Model No. TP
200	435	1	**6730.310**
500	435	1	**6730.330**
700	435	1	**6730.340**

For console/desk unit Width mm	Max. partial mounting plate installation
600	1 x TP 6730.330
800	1 x TP 6730.340
1200	2 x TP 6730.310 1 x TP 6730.340
1600	3 x TP 6730.330

Detailed drawing,
see page 26.

Attachment rail

For accessories such as a scanner holder, printer shelf, etc.
Mounted using the existing front holes in the side groove between the pedestal and the desk unit. The enclosure protection category remains unaffected by this installation. No additional reinforcements are required for the pedestal.
Holes can be drilled in the attachment rail prior to installation (e.g. for fitting screws, self-tapping screws or rivets).

Suitable for pedestal Depth mm	Model No. TP
400	**6730.500**
500	**6730.510**

Material:
Rail: Sheet steel, zinc-plated, passivated
Cover caps: Plastic, self-extinguishing, similar to RAL 7024

Supply includes:
Assembly parts.

System accessories

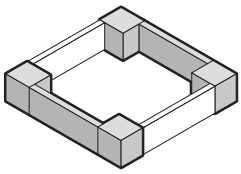
Baying rail

For baying the consoles at the installation site. Fitted in the side groove between the pedestal and the desk unit.

Material:
Rail: Sheet steel, zinc-plated, passivated
Cover caps: Plastic, self-extinguishing, similar to RAL 7024

Supply includes:
Assembly parts and baying seals.

Suitable for pedestal Depth mm	Model No. TP
400	**6730.520**
500	**6730.530**



Base/plinth components front and rear

Base/plinth component consisting of one trim panel and two pre-configured corner pieces. In 200 mm high base/plinth components, one trim panel is divided into two for cable entry.

Material:
Sheet steel, spray-finished in RAL 7022
Cover caps plastic RAL 9005/7035

Supply includes:
1 set =
2 base/plinth components, 4 cover caps, 4 screws and captive nuts M12 for attachment to the enclosure.

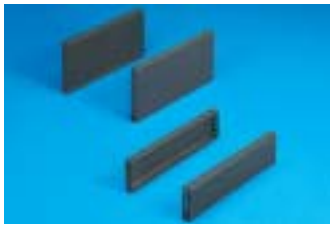
For console width mm	Model No. TS	
	100 mm high	200 mm high
600	**8601.600**	**8602.600**
800	**8601.800**	**8602.800**
1200	**8601.200**	**8602.200**
1600	**8601.920**	**8602.920**

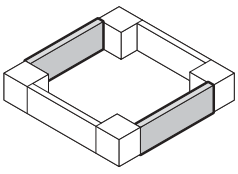
Accessories:

Base assembly plate SO 2817.000, see page 18.
Base/plinth baying brackets TS 8601.100, see Cat. 31, page 838.

Detailed drawing,
see Cat. 31, page 836.

German patent no. 198 60 408





Base/plinth trim, side

For mounting between the base/plinth components. At 200 mm height, two 100 mm base/plinth trims may be used.

Material:
Sheet steel, spray-finished in RAL 7022

Supply includes:
1 set =
2 base/plinth trim panels, including parts for attaching to the base/plinth components.

For console depth mm	Model No. TS	
	100 mm high	200 mm high
400	**8601.040**	**8602.040**
500	**8601.050**	**8602.050**

Accessories:

Fastening bolts for baying base/plinth trim, see page 19.

Detailed drawing,
see Cat. 31, page 836.

Base assembly plate

for base/plinth
For fastening the plinth to the floor without moving the enclosure or the bayed enclosure suite. For assembly screws up to 12 mm Ø.

Material:
Sheet steel, zinc-plated, passivated

Packs of	Model No. SO
10	**2817.000**

Fastening bolts

for base/plinth

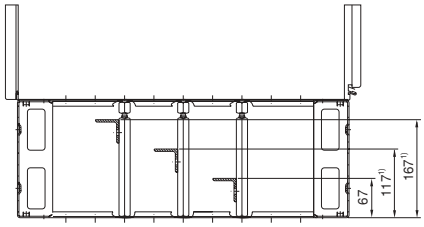
For mounting on base/plinth trim panels, side. The lockable assembly bolt allows the installation of cable clamp rails and standard C rails.

Material:
Hexagon steel, zinc-plated, passivated, 19 mm across flats

For base/plinth trim panel Height mm	Packs of	Model No. SZ
100	10	**2819.000**
200	10	**2819.200**

Accessories:

Cable clamp rail,
see Cat. 31, page 979.



[1] only for height 200 mm

Cross-member

for TS, PC, IW, ES, TP
adjustable

To increase stability, the cross-member is positioned 138 mm above the base frame of the pedestal at the front and rear. For deeper pedestals, the rear part may be extended and screw-fastened again. For screw-fastening to the floor and pedestal with mounting hole at the sides front and rear. The castors and levelling feet may be secured to the welded nuts M12.

Material:
Sheet steel, spray-finished

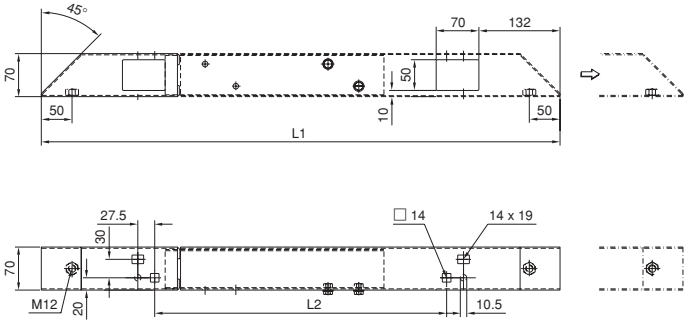
Colour:
RAL 7015

Note:
For mobile use, the cross member must be screw-fastened twice in the corners using additionally prepared holes to the pedestal.

Enclosure depth mm	L1	L2	Packs of	Model No. TS
400	644	275	2	**8601.450**
500	744	375		

Accessories:

Attachment opportunities for
- Twin castors PC 4634.500, see Cat. 31, page 848.
- Levelling feet PS 4612.000, see Cat. 31, page 848.



System accessories

Rails for interior installation

For attaching to the existing threaded studs; horizontally in console and desk unit; vertically at the side in the pedestal.
With TS system punchings on three sides.

Material:
Sheet steel, zinc-plated, passivated

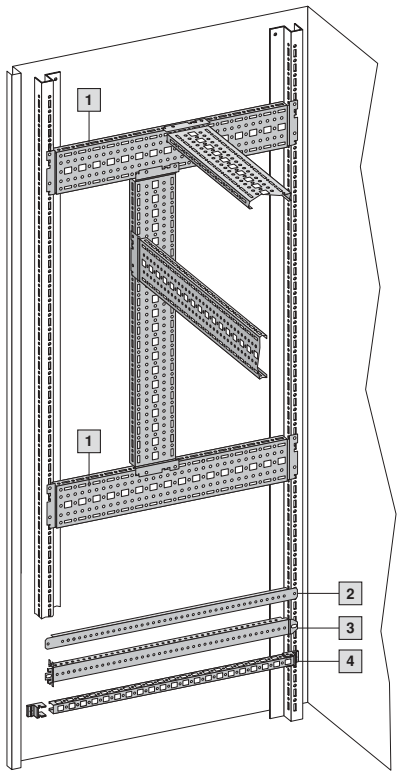
Supply includes:
Assembly parts.

For pedestal Height mm	Packs of	Model No. SZ
675	4	**5001.050**

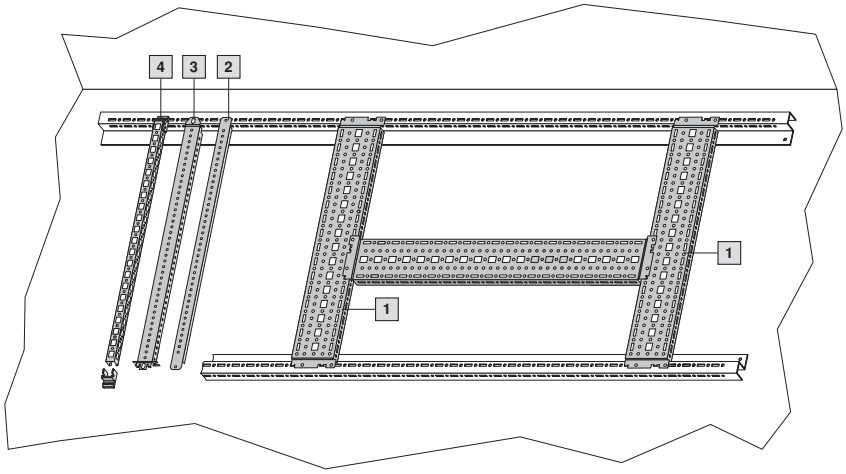
For desk unit/console Width mm	Packs of	Model No. SZ
600	4	**5001.050**
800	4	**5001.051**
1200	4	**5001.053**
1600	4	**5001.055**

Installation accessories Enclosure pedestal	**Model No.** for depth mm 400	**Model No.** for depth mm 500	Cat. 31, page
1 TS punched section with mounting flange, 17 x 73 mm for the outer level	8612.140	8612.150	921
2 TS support strip for the outer level	4694.000	4695.000	924
3 TS punched rail 18 x 38 mm	8612.240	8612.250	923
4 PS punched rail 23 x 23 mm with mounting bracket TS 8800.370	4169.000	4170.000	925
Installation accessories Enclosure console/desk unit	for all widths		
1 TS punched section with mounting flange, 17 x 73 mm for the inner level	8612.050		921
2 TS support strip for the outer level	4695.000		924
3 TS punched rail 18 x 38 mm	8612.250		923

Pedestal



Console/desk unit



Cable conduit

The stable, robust corrugated tubes ensure secure cable routing between the machine and control console or enclosure.

The split version offers the following benefits:
- Problem-free retrospective installation
- Simple insertion of pre-assembled cables
- Faster insertion of cables, particularly with long sections

Material:
Polyamide, self-extinguishing to UL 94

Nominal width	Inside Ø in mm	Design	**Model No. SZ**
50	46	Solid	**2589.140**
50	43	Split	**2589.150**
29	27	Solid	**2589.100**

Packs of 25 m

1

2

3

4

Connection accessories

For cable conduit
Versions with a nominal width of 29 mm are easily inserted into a through-hole. There is no need for an internal thread or lock nut.

Material:
Polyamide, self-extinguishing to UL 94

Supply includes:
SZ 2589.160/SZ 2589.170:
2 connection glands,
2 hex nuts.

SZ 2589.110/SZ 2589.120:
2 plug-in connections.

Nominal width	Design	Straight	Angled	Mounting hole Ø in mm	Packs of	**Model No. SZ**
1 50	Screwed cable gland	■		51	2	**2589.160**
2 50	Screwed cable gland		■	51	2	**2589.170**
3 29	Plug-in connection	■		37	2	**2589.110**
4 29	Plug-in connection		■	37	2	**2589.120**

Support

For cable conduit

Material:
Polyamide, self-extinguishing to UL 94

Supply includes:
Support

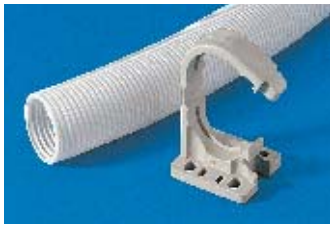
Note:
Attachment using screws M6 or alternatively screws Ø 5.5 mm, see Cat. 31, page 937.

Nominal width	Packs of	**Model No. SZ**
50	10	**2589.180**
29	10	**2589.130**

Mounting on pedestal CP 6141.100,
see Cat. 31, page 232

Mounting on Compact Panel
CP 6340.000 – .420,
see Cat. 31, page 183

System accessories



Cable conduit and cable conduit holder

For secure cable routing e.g. from the enclosure or mounting plate to the door. Option of attaching the cable conduit holder to the punched door strips or rails for interior installation with no drilling required.
Attachment facility for standard commercially available cable ties is provided on the cable conduit holder, so that cables may be attached upon entry to/exit from the cable conduit.

Material:
Cable conduit: Polythene
Cable conduit holder: Polyamide

Cable conduit

Internal Ø mm	Packs of	Model No. SZ
16	25 m	**2595.000**
29	25 m	**2589.000**
36	25 m	**2596.000**
48	25 m	**2590.000**

Cable conduit holder

For cable conduit Ø mm	Packs of	Model No. SZ
16	20	**2593.000**
29	20	**2591.000**
36	20	**2594.000**
48	20	**2592.000**

Wall mounting bracket

For the attachment of consoles when used alone, e.g. as a display enclosure.

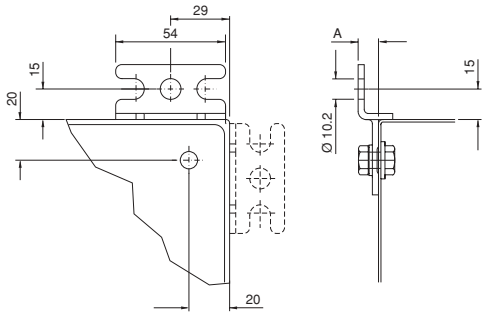
Material:
Sheet steel, zinc-plated, passivated

Supply includes:
Assembly parts for mounting on the enclosure.

Note:
Additional holes in the console required.

Wall distance (A) mm	Packs of	Model No. SZ
40	1	**2503.000**[1)]
	4	**2503.010**
10	1	**2508.000**[1)]
	4	**2508.010**

[1)] Without assembly parts.



Cable clamp rail

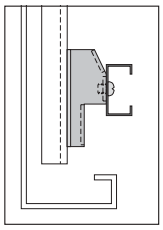
C section

For strain relief with cable entry. The length of the cable clamp rail is tailored to the width of the mounting plate. The mounting bracket included with the supply supports three different installation situations on the mounting plate:

1 straight, at a distance of 23 mm from the mounting plate

2 straight, at a distance of 10 mm from the mounting plate

3 tilted, towards the mounting plate



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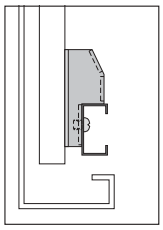

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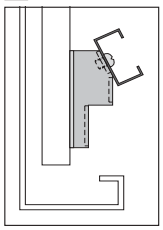


3

Material:
Sheet steel, zinc-plated, passivated

Supply includes:
Two mounting brackets and assembly screws.

For pedestal Width mm	Length mm	Model No. CM
600	499	**5001.080**
800	699	**5001.081**
1200	1099	**5001.083**
1600	1499	**5001.084**[1)]

[1)] Including 3 mounting brackets.

Accessories:

Cable clamps for C rails

For cable diameter mm	Packs of	Model No. DK
6 – 14	25	**7077.000**
12 – 18	25	**7078.000**
18 – 22	25	**7097.000**
22 – 26	25	**7097.220**
26 – 30	25	**7097.260**
30 – 34	25	**7097.300**
34 – 38	25	**7097.340**
38 – 42	25	**7098.000**
42 – 56	25	**7098.100**
56 – 64	25	**7099.000**

Signal pillars

With LED or incandescent lamp, compact or modular, plus an extensive range of accessories.
See Catalogue 31, from page 1041.

TFT monitor

See Innovations 2005/2006, page 197.

Pull-out keyboard

For installation in the desk unit.
See Innovations 2005/2006, page 198.

Built-in keyboard 19″/4 U

See Innovations 2007, page 68.

Other accessories

can be found in Catalogue 31, such as

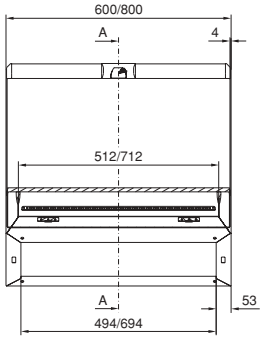
- **Viewing panels/operating panels** from page 877
- **Wiring plan pockets** from page 897
- **Partial mounting plates** from page 913
- **System lights** from page 954
- **Earthing** from page 960
- **Signal pillars** from page 1041
- **Cable ducts** page 978
- **Cable glands** from page 973
- **Cable gland** from page 972
- **Power distribution components** from page 299
- **System climate control** from page 579
- **Wiring plan lectern** from page 896
- **IW** from page 238
- **Comfort Panel** Innovations 2005/2006, from page 24
- **Support arm system CP-L** from page 200
- **Interface flaps** Innovations 2005/2006, page 200
- **USB extension with wall connection** Innovations 2007, page 68

Technical details

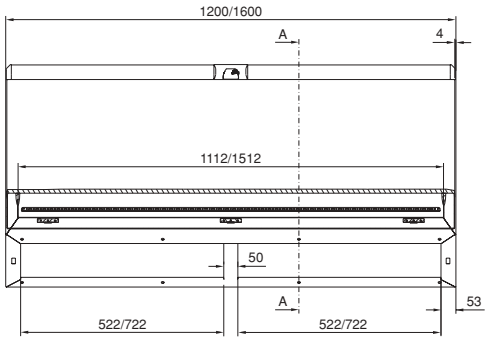
Consoles

Page 12

600/800 mm width
TP 6720.500, TP 6721.500
TP 6724.500, TP 6725.500



1200/1600 mm width
TP 6722.500, TP 6723.500
TP 6726.500, TP 6727.500



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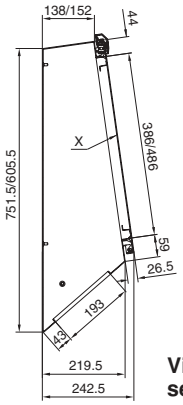

View X see below.

Desk units, prepared for consoles

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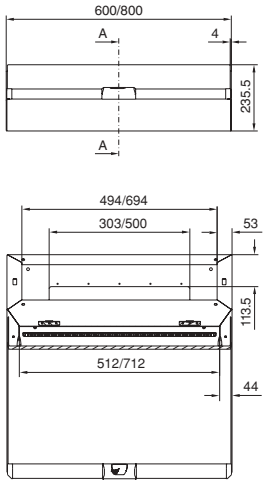
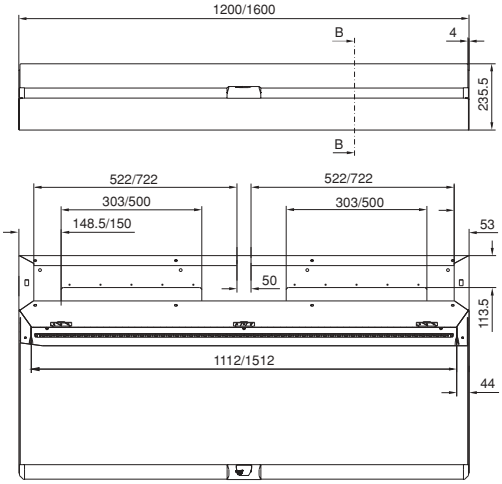
600/800 mm width
TP 6714.500, TP 6715.500



1200/1600 mm width
TP 6716.500, TP 6717.500



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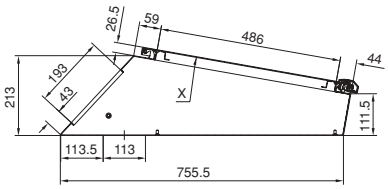

View X see below.

Desk units, rear with hinged lid

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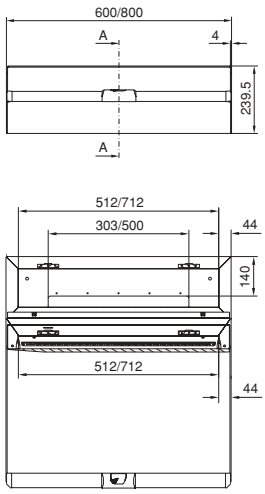
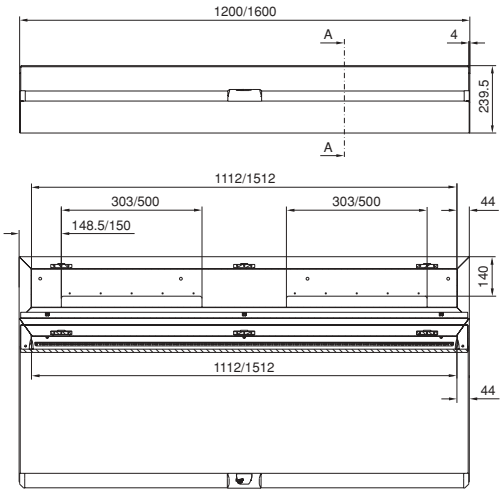
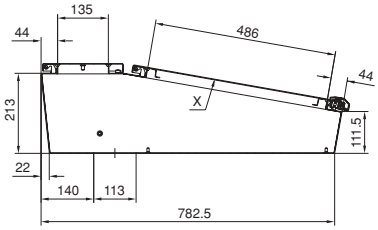
600/800 mm width
TP 6710.500, TP 6711.500



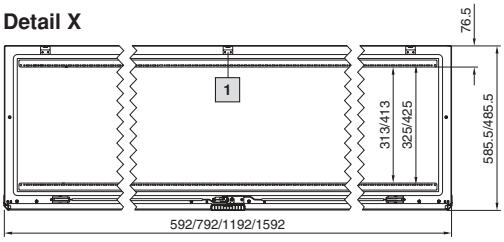
1200/1600 mm width
TP 6712.500, TP 6713.500



Section A – A



Detail X



1 Not needed with 600/800 mm width

Pedestals, 400 mm deep

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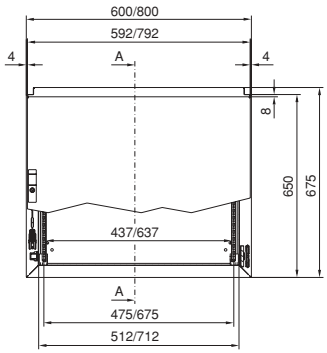
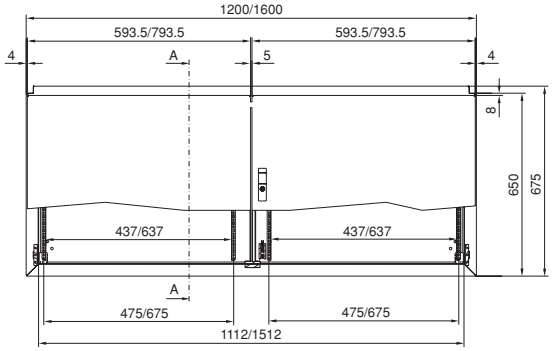
600/800 mm width
TP 6700.500, TP 6701.500



1200/1600 mm width
TP 6702.500, TP 6703.500



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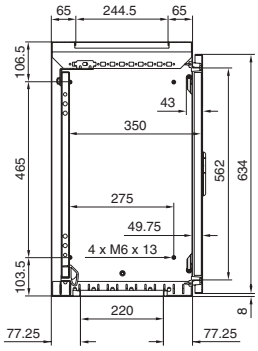
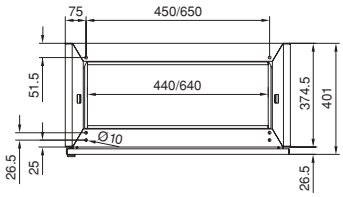
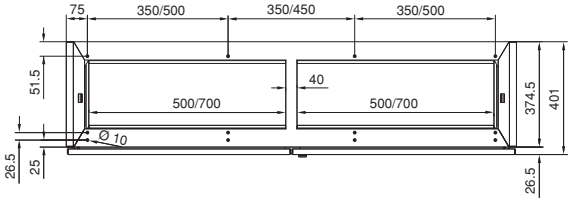
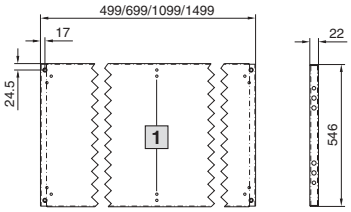






Mounting plate



1 Not needed with 600/800 mm width

Pedestals, 500 mm deep

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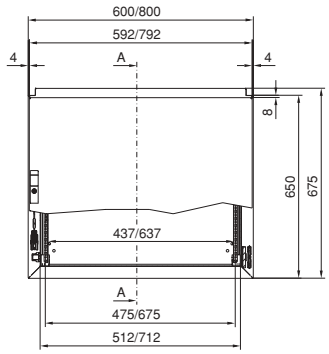
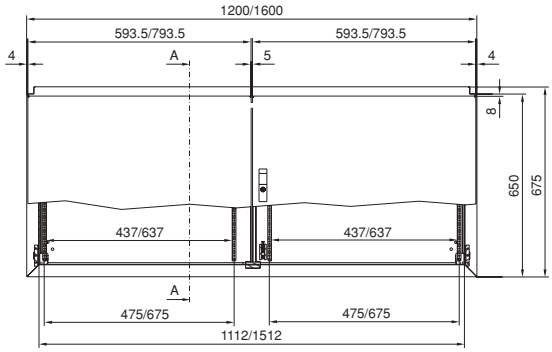
600/800 mm width
TP 6704.500, TP 6705.500



1200/1600 mm width
TP 6706.500, TP 6707.500



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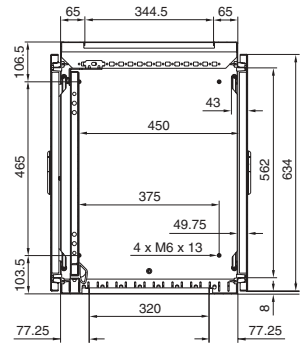
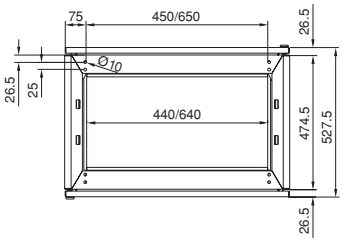
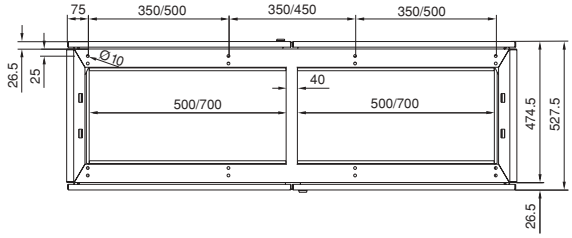
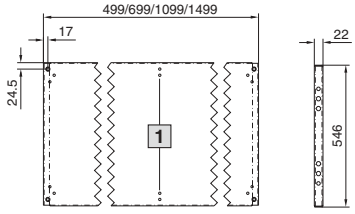






Mounting plate



1 Not needed with 600/800 mm width

Technical details

Trim plate

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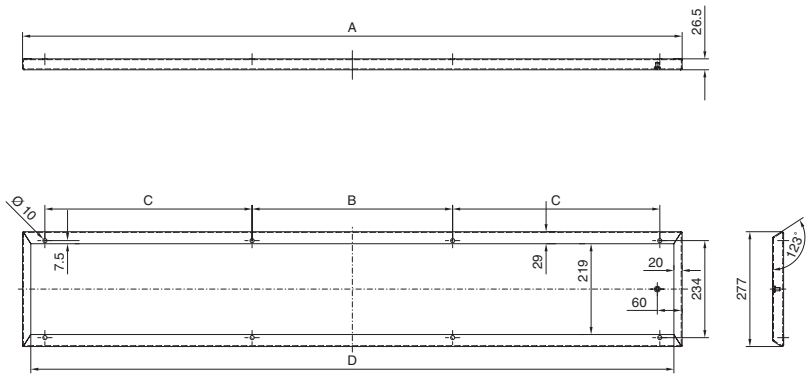

Model No. TP	Width mm	A	B	C	D
6730.200	600	592	484	–	552
6730.210	800	792	684	–	752
6730.220	1200	1192	384	350	1152
6730.230	1600	1592	484	500	1552

Partial mounting plate

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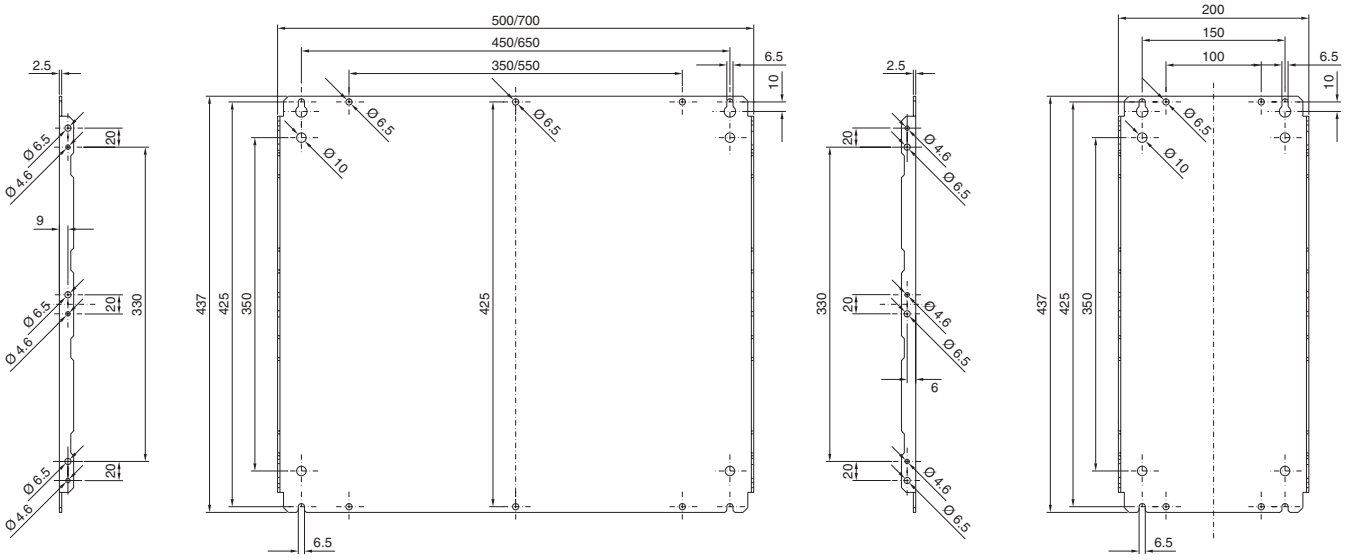

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We reserve the right to further developments and technical modifications of our products. Such modifications, along with errors and printing errata, shall not constitute grounds for compensation. We refer customers to our Terms of Sale and Delivery.

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Everything from a single source for the human/machine interface

Command Panel

Support arm systems

Stand systems

Industrial workstations

PC enclosure systems

System accessories

Service

07/07 · E173

Rittal GmbH & Co. KG · Postfach 1662 · D-35726 Herborn
Telephone: +49(0)2772 505-0 · Telefax: +49(0)2772 505-2319 · eMail: info@rittal.de · www.rittal.com