TE 7000, Top Efficiency: the Global IT Rack from Rittal.

Uncompromisingly geared to the "network" task

**Because the direct route is always best.
There's nothing faster.**

RITTAL

International yardsticks

Astonishing solutions

Finished already! The "network specialist" will astound you. Behind this fast problem-solving solution is an international background, holistic expertise, and the Rittal quality seal.

Top-quality – developed to international standards.

Cost-effective – inexpensively produced on three continents.

Fast – available immediately with customer proximity.

Solution diversity – thanks to a comprehensive range of system accessories.

Cutting costs is a core concept.

Rittal TE 7000, Top Efficiency.

Fast distribution: In Germany alone, 22 distribution and logistics centres provide a quick order service.

Fast handling: Outstanding ease of use, a unique spectrum of solutions, comprehensive access, combined with climate and security concepts.

This rack is therefore ideally suited for networks in all areas of industrial engineering, telecommunications and data communication.

Rittal TE 7000 – **simple yet convincing!** Find your own path to a solution on the following pages!

Rittal TE 7000

Rittal TE 7000

Contents

Ready to install

The direct route to a solution

The direct route is the fastest. It's called plug & play!
With this in mind, our development strategy is based on the
principle, "As little as possible, but as much as necessary!"
In this way, Rittal has created an outstanding solution.
Two 19˝ mounting levels in the 19˝ multi-functional profile
create a solid framework. Load capacity 880 lbs!
The benefits of this **rack without an enclosure frame:**
Optimum accessibility, maximum use of the interior space,
super-fast assembly.

All components fit perfectly. The dimensions and mounting
points are tailored to **fixed standard dimensions or
individual depth variability** of the two mounting levels.
Prepared in this way, installation is complete in next to no
time.
You will be amazed at what can be achieved.

Rittal TE 7000

TE 7000 concept
The **space miracle** with no enclosure frame.

Handling space on all sides.

Quick-fit assembly: System accessories for direct mounting within two 19˝ profile frames.

The design: Stylish designer door and handle.

Modular roof and base: Cable entry and ventilation.

A perfect fit

Outstanding at all levels

Check out the details of the Rittal TE 7000:

Three attachment systems offer the maximum opportunities for fast, optimum use of the space.

A perfect fit – **direct installation on the 19˝ mounting frame!**

A perfect fit – the **integral TS 8 system hole platform!**

A perfect fit – universal interior installation **in depth-variable attachment!**

There is also a matching range of accessories and system components for power supply, climate control, and security.

A single package combines **access, climate control and security solutions:** Concepts tailored precisely to your requirements. Data protection and availability are an absolute must.

Another perfect fit – **simple removal and installation** of doors and side panels, system roof for cable entry and active ventilation, plus system accessories for fast, direct installation.

Simple, fast, and cost-effective – the Rittal TE 7000 concept.
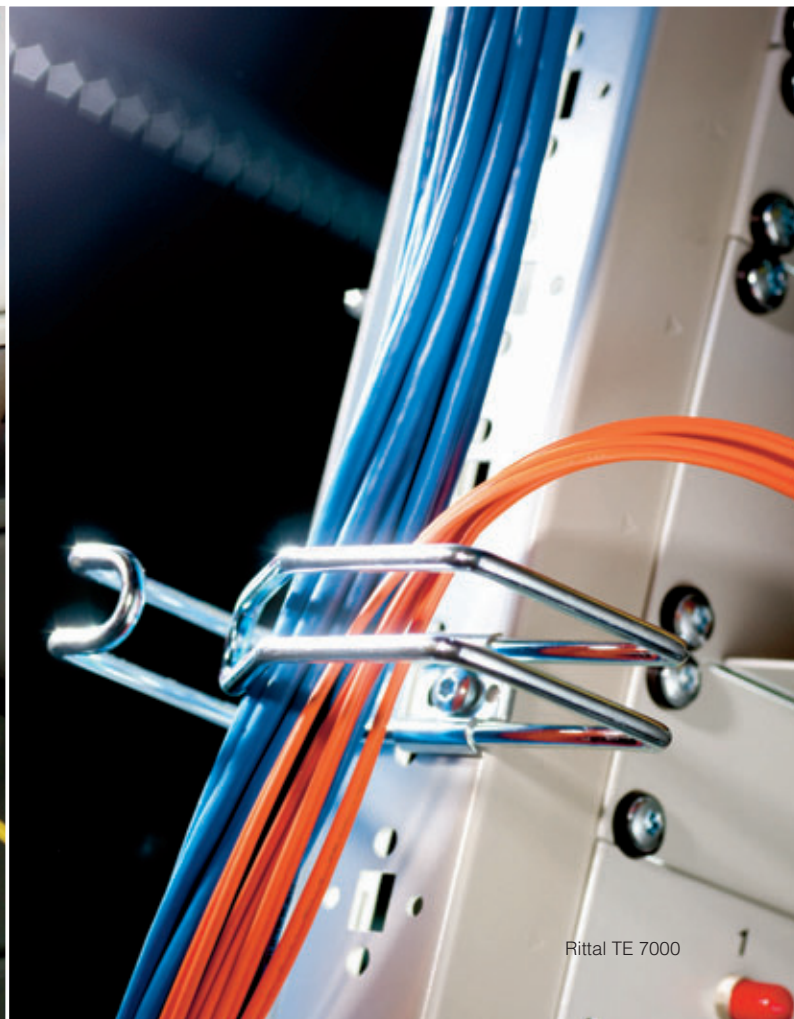
Rittal TE 7000

Impressive solution diversity.

Multi-functional profile: A high load capacity offering versatility at all levels.

TS 8 system punchings in the width and depth: What more could you wish for in terms of installation opportunities?

Two 19˝ levels: With predefined or variable spacing.

Height units: Installation marking for each individual U.

Standard hole platform: Simply insert the screw and secure.

Completely individual

Flexibility for your requirements

Defined dimensions or variable? Ex works, the fixed dimensions of the distance between levels offers cost-effective, time-saving **installation with system accessories.** Ready in a flash, is our motto. Because every dimension and every attachment point is precisely defined.

There are no limits on individual requirements:
The front distance and the distances between the two 19˝ levels may be set on a pitch pattern or flexibly to suit your requirements. Depth-variable installation accessories help to ensure fast, simple installation.

For this purpose, as your system supplier, Rittal offers **versatility through modular technology.** From the base/plinth to the top-mounted fan, from the lock system to the comprehensive security equipment – everything can be achieved with one-man installation.
This leaves you free to concentrate on devising new solutions.
Simply locate the side panels – and voila!

Rittal TE 7000

Solution diversity at all levels.

Climate:
Active or passive ventilation?

One-man assembly:
Locate, secure, and voila! – simple, time-saving.

CMC security:
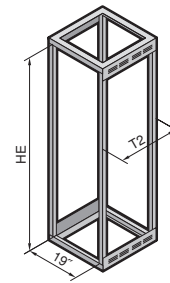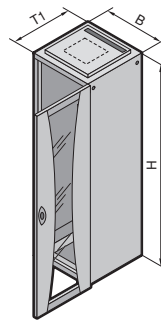Central monitoring, comprehensive and cost-effective.

Ergoform-S:
The handle system with access monitoring.

Base/plinth modules:
For ventilation, for cable entry.
Alternatively: Pedestals and castors.

Network enclosures TE 7000, width 23.62˝ (600 mm)

B = Width
T1 = Depth
HE = U

T2: Mounting distance for premium accessories, see page 12.

Benefits:
- Matching premium accessories for rapid installation in the delivered state
- No frame structure, optimum accessibility
- Load capacity up to 880 lbs

Material:
Sheet steel

Surface finish:
Mounting frame: Electrophoretic dipcoat primed, RAL 7044
Enclosure panels:
Powder coated, RAL 7035

Network enclosures TE 7000								Page
U		24	24	42	42	47	47	
Dimensions in inches (mm)	W	23.62 (600)	23.62 (600)	23.62 (600)	23.62 (600)	23.62 (600)	23.62 (600)	
	H	47.24 (1200)	47.24 (1200)	78.74 (2000)	78.74 (2000)	86.61 (2200)	86.61 (2200)	
	D	23.62 (600)	31.49 (800)	23.62 (600)	31.49 (800)	23.62 (600)	31.49 (800)	
19˝ dist. betw. levels in its delivered state inches (mm)	T2	19.48 (495)	19.48 (495)	19.48 (495)	19.48 (495)	19.48 (495)	19.48 (495)	
Model No. TE		**7000.430**	**7000.440**	**7000.500**	**7000.510**	**7000.560**	**7000.570**	
Model No. as bayed encl. without side panels, incl. baying kit		**–**	**–**	**7000.502**	**–**	**7000.562**	**–**	

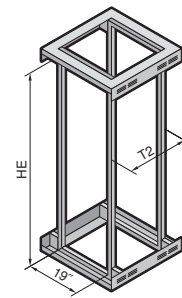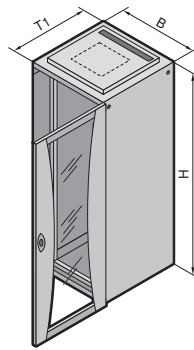| Supply includes						
Self-supporting 19˝ frame structure, mounted between the roof and base frame with depth variability at the front and rear	■	■	■	■	■	■
Glazed door at the front, including 130° hinge, two-point locking rod, recessed handle and security lock 3524 E	■	■	■	■	■	■
Sheet steel door at the rear, including 130° hinge, two-point locking rod, recessed handle and security lock 3524 E	■	■	■	■	■	■
Pluggable weight-reduced side panels with design beading and security lock 3524 E	■	■	■/–	■	■/–	■
Roof and base frame with maximum cutout for optional population with modular panels, solid, with passive ventilation or for cable entry	■	■	■	■	■	■
Roof plate including brush strip for cable entry and micro-perforation to the cutout and for population with active fan unit	■	■	■	■	■	■
Levelling feet supplied loose to compensate for floor irregularities	■	■	■	■	■	■
Spacers, 0.78˝ (20 mm), supplied loose to raise the roof	■	■	■	■	■	■

Premium accessories TE, for direct mounting in the delivered state							Page
Side panels, pluggable, including security lock	–	–	7000.650	–	7000.654	–	14
Ergoform-S handle for semi-cylinder, to exchange for the existing lock	2435.000	2435.000	2435.000	2435.000	2435.000	2435.000	13
Fan unit, with 2 fans and thermostat, prewired ready for connection	7000.670	7000.670	7000.670	7000.670	7000.670	7000.670	15
Base/plinth components 4˝ (100 mm) high, front and rear, solid	8601.605	8601.605	8601.605	8601.605	8601.605	8601.605	18
Base/plinth components 4˝ (100 mm) high, front and rear, vented	7825.601	7825.601	7825.601	7825.601	7825.601	7825.601	18
Base/plinth trim, side, 4˝ (100 mm) high	8601.065	8601.085	8601.065	8601.085	8601.065	8601.085	18
Base/plinth adaptor for levelling feet M12	8800.220	8800.220	8800.220	8800.220	8800.220	8800.220	19
Slide rail for TE, for attachment between the 19˝ mounting frames, length 16.69˝ (424 mm)	7963.410	7963.410	7963.410	7963.410	7963.410	7963.410	21
19˝ component shelf for static installation, for direct screw fastening without an installation kit, 16.2˝ (412 mm) deep, load capacity 66 lbs, static	7000.620	7000.620	7000.620	7000.620	7000.620	7000.620	22
Punched section with mounting flange .66 x 2.87˝ (17 x 73 mm), for mounting installation components, attached in the enclosure depth between the 19˝ mounting frames	8612.040	8612.040	8612.040	8612.040	8612.040	8612.040	27
C rail, for cable clamping in the enclosure depth via cable clamps	7828.040	7828.040	7828.040	7828.040	7828.040	7828.040	25
C rail, for cable clamping in the enclosure width via cable clamps, on the 19˝ mounting frame at the rear	7828.060	7828.060	7828.060	7828.060	7828.060	7828.060	25
Cable clamp rail, depth-variable 16.7 x 28.5˝ (425 – 725 mm), for cable attachment in the enclosure depth via cable ties	7858.160	7858.160	7858.160	7858.160	7858.160	7858.160	25
Cable clamp rail, for cable attachment in the enclosure width via cable ties, on the 19˝ mounting frame at the rear	7828.062	7828.062	7828.062	7828.062	7828.062	7828.062	25
Earthing kit for TE	7000.675	7000.675	7000.675	7000.675	7000.675	7000.675	28
TE socket strip, 8-way, with earthing-pin plug	7000.630	7000.630	7000.630	7000.630	7000.630	7000.630	28

Network enclosures TE 7000, width 31.49″ (800 mm)

B = Width
T1 = Depth
HE = U

T2: Mounting distance for premium accessories, see page 12.

Benefits:
- Matching premium accessories for rapid installation in the delivered state
- No frame structure, optimum accessibility
- Load capacity up to 880 lbs

Material:
Sheet steel

Surface finish:
Mounting frame: Electrophoretic dipcoat primed, RAL 7044
Enclosure panels: Powder coated, RAL 7035

Network enclosures TE 7000								Page
U		24	24	42	42	47	47	
Dimensions in inches (mm)	W	31.49 (800)	31.49 (800)	31.49 (800)	31.49 (800)	31.49 (800)	31.49 (800)	
	H	47.24 (1200)	47.24 (1200)	78.74 (2000)	78.74 (2000)	86.61 (2200)	86.61 (2200)	
	D	23.62 (600)	31.49 (800)	23.62 (600)	31.49 (800)	23.62 (600)	31.49 (800)	
19″ dist. betw. levels in its delivered state inches (mm)	T2	19.48 (495)	19.48 (495)	19.48 (495)	19.48 (495)	19.48 (495)	19.48 (495)	
Model No. TE		**7000.450**	**7000.460**	**7000.520**	**7000.530**	**7000.580**	**7000.590**	
Model No. as bayed encl. without side panels, incl. baying kit		**–**	**–**	**–**	**7000.532**	**–**	**7000.592**	

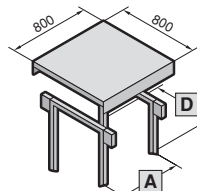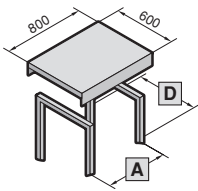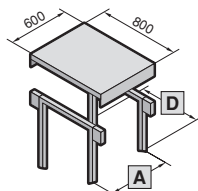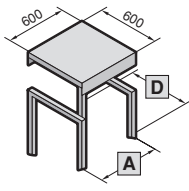| Supply includes						
Self-supporting 19″ frame structure, mounted between the roof and base frame with depth variability at the front and rear	■	■	■	■	■	■
Glazed door at the front, including 130° hinge, two-point locking rod, recessed handle and security lock 3524 E	■	■	■	■	■	■
Sheet steel door at the rear, including 130° hinge, two-point locking rod, recessed handle and security lock 3524 E	■	■	■	■	■	■
Pluggable weight-reduced side panels with design beading and security lock 3524 E	■	■	■	■/–	■	■/–
Roof and base frame with maximum cutout for optional population with modular panels, solid, with passive ventilation or for cable entry	■	■	■	■	■	■
Roof plate including brush strip for cable entry and micro-perforation to the cutout and for population with active fan unit	■	■	■	■	■	■
Levelling feet supplied loose to compensate for floor irregularities	■	■	■	■	■	■
Spacers, 0.78″ (20 mm), supplied loose to raise the roof	■	■	■	■	■	■

| Premium accessories TE, for direct mounting in the delivered state							Page
Side panels, pluggable, including security lock	–	–	–	7000.652	–	7000.656	14
Ergoform-S handle for semi-cylinder, to exchange for the existing lock	2435.000	2435.000	2435.000	2435.000	2435.000	2435.000	13
Fan unit, with 2 fans and thermostat, prewired ready for connection	7000.670	7000.670	7000.670	7000.670	7000.670	7000.670	15
Base/plinth components 4″ (100 mm) high, front and rear, solid	8601.805	8601.805	8601.805	8601.805	8601.805	8601.805	18
Base/plinth components 4″ (100 mm) high, front and rear, vented	7825.801	7825.801	7825.801	7825.801	7825.801	7825.801	18
Base/plinth trim, side, 4″ (100 mm) high	8601.065	8601.085	8601.065	8601.085	8601.065	8601.085	18
Base/plinth adaptor for levelling feet M12	8800.220	8800.220	8800.220	8800.220	8800.220	8800.220	19
Slide rail for TE, for attachment between the 19″ mounting frames, length 16.69″ (424 mm)	7963.410	7963.410	7963.410	7963.410	7963.410	7963.410	21
19″ component shelf for static installation, for direct screw fastening without an installation kit, 16.2″ (412 mm) deep, load capacity 66 lbs, static	7000.620	7000.620	7000.620	7000.620	7000.620	7000.620	22
Punched section with mounting flange .66 x 2.87″ (17 x 73 mm), for mounting installation components, attached in the enclosure depth between the 19″ mounting frames	8612.040	8612.040	8612.040	8612.040	8612.040	8612.040	27
C rail, for cable clamping in the enclosure depth via cable clamps	7828.040	7828.040	7828.040	7828.040	7828.040	7828.040	25
C rail, for cable clamping in the enclosure width via cable clamps, on the 19″ mounting frame at the rear	7828.060	7828.060	7828.060	7828.060	7828.060	7828.060	25
Cable clamp rail, depth-variable 16.7 x 28.5″ (425 – 725 mm), for cable attachment in the enclosure depth via cable ties	7858.160	7858.160	7858.160	7858.160	7858.160	7858.160	25
Cable clamp rail, for cable attachment in the enclosure width via cable ties, on the 19″ mounting frame at the rear	7828.062	7828.062	7828.062	7828.062	7828.062	7828.062	25
Earthing kit for TE	7000.675	7000.675	7000.675	7000.675	7000.675	7000.675	28
TE socket strip, 8-way, with earthing-pin plug	7000.630	7000.630	7000.630	7000.630	7000.630	7000.630	28

Explanation of levels

A 19.4˝ (495 mm) – that is the distance between the two 19˝ levels in the delivered state for all enclosure formats.

B Pitch spacing 1.96˝ (50 mm)

C Distance from door: 2.06˝ (52.5 mm) with depth 23.62˝ (600 mm), 6.00˝ (152.5 mm) with depth 31.49˝ (800 mm)

D The attachment distance within a mounting frame at the rear, horizontal, is equivalent to the frame attachment dimension of a 23.62˝ (600 mm) wide TS 8 (outer level, 20.66˝ (525 mm))

E = A – 4.72˝ (120 mm)

Example:
23.62 x 23.62˝ (600 x 600 mm)

Example:
31.49 x 31.49˝ (800 x 800 mm)
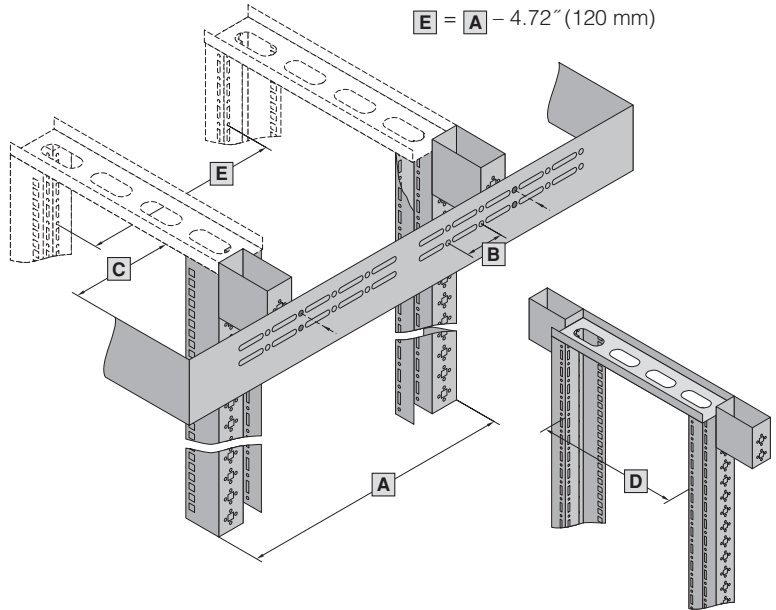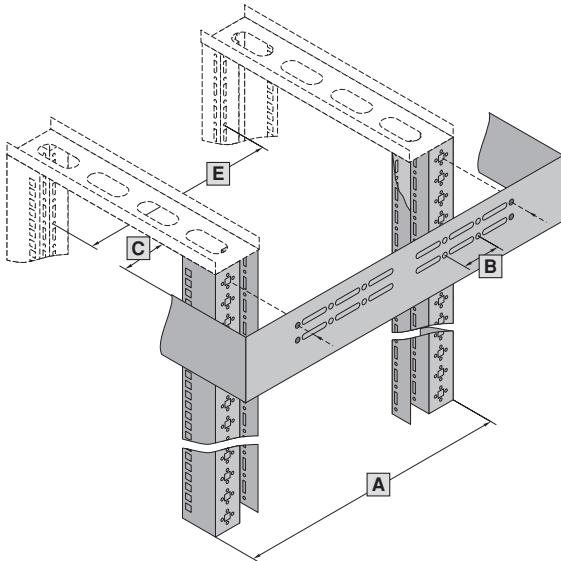
Quick assembly in the depth

Fast assembly in the width

1. Ready to install – with the standard spacing 19.4˝ (495 m)

The premium accessories are tailored to this fixed dimension in the delivered state for all enclosure formats. All installed equipment for the enclosure depth is mounted easily, quickly and with a precise fit to the TS 8 system punchings. This is equivalent to the standard dimension of 15.74˝ (400 mm) deep TS 8 enclosures, inner level.

2. Variable – on a 1.96˝ (50 mm) pitch pattern

The distance between the two 19˝ levels may be altered in increments of 1.96˝ (50 mm) or 17.51 – 27.36˝ (445 – 695 mm). Fast replacement of the principal components is offered by the table below.

3. Variable – fully individual

The distance between levels may be selected completely freely via the slot fastening. All key mounting components – punched sections with mounting flanges, installation kits, slide rails, component shelves – are also available in depth-variable format.

TE/TS 8 compatibility in the width too:

All components for the TS 8 enclosure dimension W/D 23.62˝ (600 mm) (outer level) fit into the width of the TE frame sections. Three rows of TS 8 system holes offer suitable solutions for every task. The installation position in the enclosure depth corresponds to the TS 8 inner level.

Fast selection							Page
Enclosure depth, inches (mm)	23.62˝ (600 mm)						
		31.49˝ (800 mm)					
Possible distances between the 19˝ levels A	17.51˝ (445)	19.48˝ (495)	21.45˝ (545)	23.42˝ (595)	25.39˝ (645)	27.36˝ (695)	
Slide rail for TE, for attachment between the 19˝ mounting frames, fixed length	–	7963.400	–	7963.500	–	7963.600	21
19˝ component shelf for static installation, for direct screw fastening without installation kit, 16.14˝ (410 mm) deep, load capacity 66 lbs, static	–	7000.620	–	–	–	–	22
19˝ component shelf for static installation, 110 lbs, 18.54˝ (471 mm) wide, in conjunction with punched section with mounting flange, max. base depth	7164.035	7164.035	7165.035	7165.035	7166.035	7166.035	22
Punched section with mounting flange .66 x 2.87˝ (17 x 73 mm), for mounting components, attachment in the enclosure depth between the 19˝ mounting frames	8612.140	8612.040	8612.150	8612.050	8612.160	8612.060	27
C rail for cable clamping in the enclosure depth via cable clamps	7828.040	7828.040	7828.050	7828.050	7828.060	7828.060	25
Cable clamp rails, depth variable 16.7 – 28.5˝ (425 – 725 mm), for cable attachment in the enclosure depth via cable ties	7858.160	7858.160	7858.160	7858.160	7858.160	7858.160	25

Premium

To fit enclosures in their delivered state

The Ergoform-S lock system

For retrospective installation in all enclosures, without the need for mechanical reworking. The unlocked handle unfolds forwards and is swivelled to open the lock.

Material:
Die-cast zinc

Surface finish:
Powder coated

German patent no. 34 07 700
European patent no. 155 543
with validity for AT, FR, GB, IT
US patent no. 4,631,937
Australian patent no. 572 965
Japanese patent no. 1680 637
US design patent no. des. 292,171
Japanese design pattern no. 762 637

Ergoform standard

Prepared for the installation of semi-cylinders with an overall length of 1.57 or 1.77″ (40 or 45 mm) (to DIN 18 254) and all 1.06″ (27 mm) lock inserts, type A.

Design	Model No.
RAL 7032 with brown handle	**2450.000**
Brown	**2451.000**
Matt nickel-plated	**2452.000**
RAL 7032	**2454.000**
RAL 7035	**2435.000**
RAL 7032 with brown handle and bracket	**2455.000**

Hole diameter = 7 mm for padlock or multiple latch

➕ **Accessories:**

Lock inserts, version A,
see page 14.

Electromagnetic Ergoform-S handle

The handle contains a handle sensor for monitoring and an electromagnetic latch. The handle is compatible with the CMC-TC. The connection cable with the RJ 12 connector is easily connected to the access unit of the CMC-TC system. It is automatically configured, thanks to its detection electronics. An additional access sensor 7320.530 is always required. After being released electrically, the integral push-button should be depressed. This push-button may also be exchanged for a lock insert with key 2467.000. The system may also be released via a read system, which may be mounted above the handle.

Technical specifications:
Rated voltage: 24 V DC
Rated current: max. 100 mA
Connection cable: Length 9.8′ (3 m),
RJ 12 connector
Extension cable: Length 6.5′ (2 m),
RJ 12 connector/socket
Temperature range: +5°C to +40°C
Protection category: IP 40
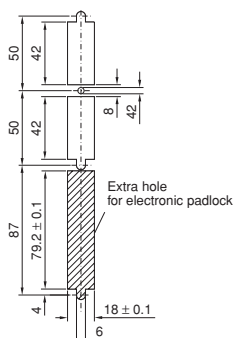
Handle system	Model No.
Electromagnetic Ergoform-S handle	**7320.700**

⚠ **Also required:**

– An extra punching, see drawing
– A lower locking bar depending on the enclosure height, on request
– An access sensor 7320.530 (1 unit).

➕ **Accessories:**

CMC-TC monitoring system,
see page 29.

Extra hole for electronic padlock

Accessories

Lock/side panels/baying

Lock inserts

Version A

Material:
Die-cast zinc

Note:
The universal lock system allows the installation of a suitable handle for almost any application or customer specification. The relevant product ordering page shows which handles can be fitted into each particular assembly.

Length 27 mm	Model No.
7 mm square	**2460.000**
8 mm square	**2461.000**
7 mm triangular	**2462.000**
8 mm triangular	**2463.000**
Screwdriver	**2464.000**
Daimler insert	**2465.000**
3 mm double-bit	**2466.000**
Fiat	**2307.000**
6.5 mm triangular (CNOMO)	**2460.650**

Side panels

To finish off individual racks or entire bayed suites of racks at the sides.
The side panels are simply located and secured with the integral padlock.
The beading increases the rigidity of the walls whilst adding a special design touch. The light-weight design means that it is easily handled by one person.

Material:
Sheet steel, electrophoretic dipcoat-primed, powder-coated

For enclosures H x D inches (mm)	Packs of	Model No.
47.24 x 23.6 (1200 x 600)	2	**7000.642**
47.24 x 31.4 (1200 x 800)	2	**7000.644**
78.74 x 23.6 (2000 x 600)	2	**7000.650**
78.74 x 31.4 (2000 x 800)	2	**7000.652**
86.6 x 23.6 (2200 x 600)	2	**7000.654**
86.6 x 31.4 (2200 x 800)	2	**7000.656**

Colour:
RAL 7035

Supply includes:
2 side panels including security lock 3524 E

Protection category:
IP 20

Baying kit

For connecting individual enclosures into bayed suites at the sides. The enclosures are mounted between the base and roof frame.

Material:
Sheet steel, zinc-plated, passivated

Supply includes:
1 set of baying connectors

Packs of	Model No.
1 kit	**7000.640**

Fan unit, active

For active ventilation of the TE 7000, a ventilation opening may be removed from the front of the standard roof plate and fitted with the fan module. The fan unit is prewired ready for connection and has 2 fans, 1 thermostat and a connection cable including IEC320 connector. An additional fan may optionally be integrated via an integral terminal block.
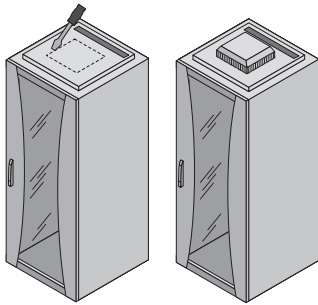
Supply includes:
Fan unit including assembly parts, 2 fans, thermostat and connection cable.

Technical specifications for one fan:
See fan expansion kit below

Technical specifications of thermostat:
Rated operating voltage: 250 V
Temperature range: +5°C to +55°C

For enclosures W x D inches (mm)	Number of prewired fans	Possible number of fans	Model No.
All sizes available	2	3	**7000.670**

➕ **Accessories:**

Fan expansion kit, see below.

Fan expansion kit

For retrofitting various fan units.

Technical specifications:
Rated operating voltage: 230 V AC
Power consumption: 19/18 W at 50/60 Hz
Air throughput (unimpeded air flow):
140/165 m³/h, 50/60 Hz
Noise level (unimpeded air flow): 37 dB (A)
Temperature range: –10°C to +55°C

Dimensions W x H x D inches (mm)	Packs of	Model No.
4.68 x 4.68 x 1.49 (119 x 119 x 38)	1 kit	**7980.000**

Supply includes:
Fan, including assembly parts and connection cable, 24″ (0.61 m).

Spacers

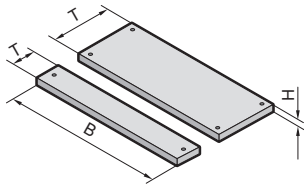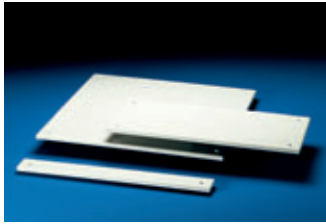To assist passive ventilation, spacers may be used to raise the module plates.

Material:
Hexagonal sectional steel, zinc-plated, passivated.

Supply includes:
4 spacers, including assembly parts.

Height	Packs of	Model No.
20 mm	4	**7526.963**

Accessories

Individual roof/base configuration

Module plate, solid

In exchange for the existing roof plate, the roof or base section of the TE 7000 may be varied as required with the module plates.
In order to support passive ventilation, the module plates may be raised using spacers – see page 15.

Material:
Sheet steel, spray-finished

Colour:
RAL 7035, on request in RAL 9005.

Supply includes:
Module plate, including assembly parts.

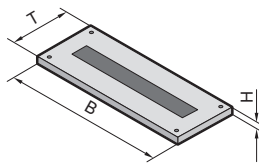| Width (B) inches (mm)	Depth (T) inches (mm)	Model No.
17.71 (450)	7.87 (200)	**7526.760**
17.71 (450)	17.71 (450)	**7526.770**
17.71 (450)	25.59 (650)	**7526.780**
25.59 (650)	7.87 (200)	**7526.800**
25.59 (650)	17.71 (450)	**7526.780**
25.59 (650)	25.59 (650)	**7526.820**

Note:
Configuration data – see below.

Compensating plate

When combining individual modules, a compensating plate is needed to close the roof/base assembly completely.

Width (B) inches (mm)	Depth (T) inches (mm)	Model No.
17.71 (450)	1.96 (50)	**7526.750**
25.59 (650)	1.96 (50)	**7526.790**

Module plate, with brush strip

Convenient cable entry, numerous configuration options in the roof and base frame, in both the enclosure width and the enclosure depth.

Material:
Sheet steel, spray-finished

Colour:
RAL 7035, on request in RAL 9005.

Supply includes:
Module plate with brush strip, including assembly parts.

Width (B) inches (mm)	Depth (T) inches (mm)	Model No.
17.71 (450)	7.87 (200)	**7526.850**
25.59 (650)	7.87 (200)	**7526.860**

Note:
Configuration data – see below.

! Also required:

For a completely sealed roof/base assembly:
Compensating plate 7526.750 or 7526.790, see above.

Module plate, vented

Perforated module plate to support passive ventilation and cooling. May be integrated into both the enclosure width and the enclosure depth.

Material:
Sheet steel, spray-finished

Colour:
RAL 7035, on request in RAL 9005.

Supply includes:
Perforated module plate, including assembly parts.

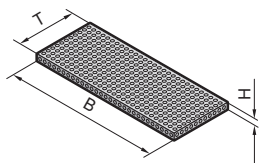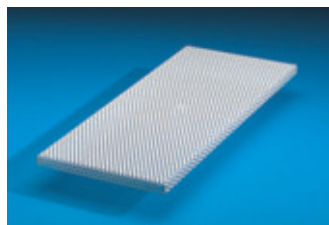| Width (B) inches (mm)	Depth (T) inches (mm)	Model No.
17.71 (450)	7.87 (200)	**7526.829**
25.59 (650)	7.87 (200)	**7526.834**

Note:
Configuration data – see below.

! Also required:

For a completely sealed roof/base assembly:
Compensating plate 7526.750 or 7526.790, see above.

Configuration:

Enclosure dimensions inches (mm)	B	23.62 (600)	23.62 (600)	31.49 (800)	31.49 (800)
	T	23.62 (600)	31.49 (800)	23.62 (600)	31.49 (800)
Installation position/ enclosure		Roof frame / Base frame / TE 7000 network enclosures			
		2 x module plates in the width or depth plus 1 x compensating plate in each case	3 x module plates in the width or 2 x module plates in the depth plus 1 x compensating plate in each case	2 x module plates in the width or 3 x module plates in the depth plus 1 x compensating plate in each case	3 x module plates in the width or depth plus 1 x compensating plate in each case
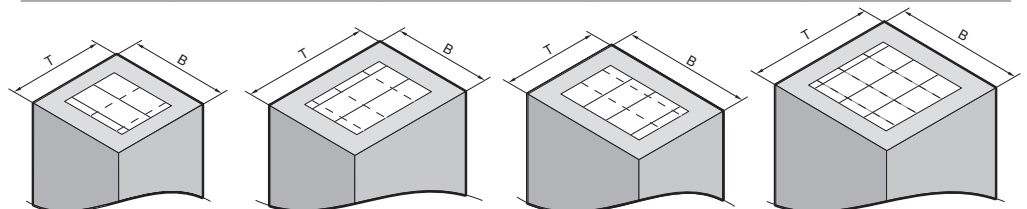
Modular base/plinth diversity

Thanks to the logical breakdown of the entire base/plinth into two ordering units, all dimensional variants are achieved with minimum stock levels.

Other benefits include easier installation, numerous cable entry options, and the stabilising baying connection.

Enclosure width	Basic form	Cable gland options				Stabilisation of bayed base/plinths	
3.93″ (100 mm)							
7.87″ (200 mm)							

Function and cost benefits

Fewer parts, more opportunities, coupled with lower purchasing, storage and assembly costs – this is the winning formula for the new modular base/plinth system.

The following table shows three bayed base/plinths in 7.87″ (200 mm) height illustrating a wide range of possible solutions and the potential savings with trim panels compared with the previous 7.87″ (200 mm) base/plinth system, each with two 3.93″ (100 mm) high trim panels at the sides.

Sample solutions	New supply includes	Functional benefits	Savings potential compared with twelve 100 mm trim panels
	3 packs of base/plinth components 1 pack of base plinth trim panels 7.87″ (200 mm) high	Continuous cable chamber	2 trim panels 7.87″ (200 mm)
	3 packs of base/plinth components 1 pack of base plinth trim panels, 7.87″ (200 mm) high 1 pack of base plinth trim panels, 3.93″ (100 mm) high	Additional stabilisation for transportation purposes with base/plinth trim rotated through 90°	2 trim panels 7.87″ (200 mm) 2 trim panels 3.93″ (100 mm)
	3 packs of base/plinth components 2 packs of base plinth trim panels, 7.87″ (200 mm) high	Shielding of the base/plinths from one another	4 trim panels 7.87″ (200 mm)
	3 packs of base/plinth components 1 pack of base plinth trim panels, 7.87″ (200 mm) high 1 pack of base plinth trim panels, 3.93″ (100 mm) high	Additional connection of the base/plinth	2 trim panels 7.87″ (200 mm) 2 trim panels 3.93″ (100 mm)
	Other options: ● Cable entry at the side by mounting a 3.93″ (100 mm) base/plinth trim panel (top or bottom). ● Cable entry from the rear by dismantling one or more trim panels of the base/plinth components. ● Cable clamp rail fitted on the 3.93″ (100 mm) high trim panel.		

Base/plinth

Base/plinth components, front and rear

Base/plinth component consisting of one trim panel and two pre-configured corner pieces. Design with solid or vented trim panel. In 7.87″ (200 mm) high base/plinth components, one trim panel is divided into two for cable entry.

Material:
Component = Sheet steel, spray-finished
Cover = Plastic

Colour:
RAL 7035

Supply includes:
1 set =
2 base/plinth components,
4 covers,
4 screws and captive nuts M12 for mounting on the enclosure.

Design	Base/plinth height inches (mm)	For enclosure width inches (mm)	
		23.62 (600)	31.49 (800)
		Model No.	
Solid	3.93 (100)	**8601.605**	**8601.805**
Solid	7.87 (200)	**8602.605**	**8602.805**
Vented	3.93 (100)	**7825.601**	**7825.801**
Vented with designer cover	3.93 (100)	**7825.603**	**7825.803**

Packs of 1 set

➕ **Accessories:**

Filter mat for trim panel, vented, see page 19.
Base mounting plate 2817.000, see page 19.

Base/plinth trim panels, side

For mounting between the base/plinth components. With 7.87″ (200 mm) height, two 3.93″ (100 mm) base/plinth trims may be used. Base/plinth trim panels (3.93″ (100 mm) high) may be installed rotated through 90° in order to stabilise bayed base/plinth components.

Material:
Sheet steel, spray-finished

Colour:
RAL 7035

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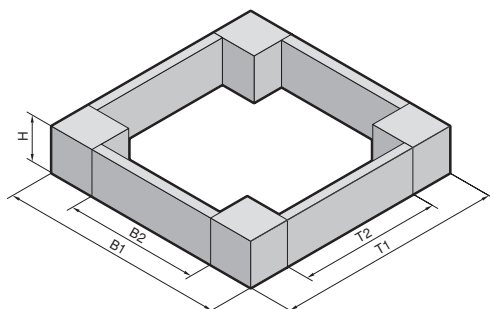including parts for attaching to the base/plinth components.

For enclosure depth inches (mm)	Model No.	
	3.93″ (100 mm) high	7.87″ (200 mm) high
23.62 (600)	**8601.065**	**8602.065**
31.49 (800)	**8601.085**	**8602.085**

Packs of 1 set

❗ **Also required:**

Base/plinth baying brackets 8601.100, see page 19, for mounting rotated through 90° in order to stabilise bayed base/plinth components.

Base/plinth components front/rear			Base/plinth trim, side		
Width inches (mm)	B1	B2	Depth inches (mm)	T1	T2
23.62 (600)	23.62 (600)	16.3 (415)	23.62 (600)	22.4 (569)	17.4 (444)
31.49 (800)	31.49 (800)	24.21 (615)	31.49 (800)	30.27 (769)	25.35 (644)
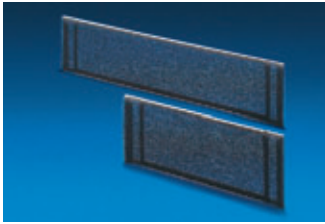
Filter mat

for base/plinth component, vented
To cover the trim panel in the base/plinth component. The mounting frame simply clips into the base/plinth trim panel from behind.
Filter class G3 to DIN EN 779.

Supply includes:
Filter mat with mounting frame.

For enclosure width inches (mm)	Packs of	Model No.
23.62 (600)	1	**7561.500**
31.49 (800)	1	**7581.500**

Spare filter mat

Supply includes:
Filter mat without mounting frames for base/plinth trim panels up to 31.49˝ (800 mm) wide.

	Packs of	Model No.
Spare filter mats	5	**7582.500**

Base/plinth baying brackets

Essential if the trim panels are mounted rotated through 90° for additional stabilisation during the transportation of bayed enclosures.

Material:
Sheet steel, zinc-plated, passivated.

Supply includes:
Baying brackets, screws M8 x 16 mm

Packs of	Model No.
20	**8601.100**

Base mounting plate

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.
10	**2817.000**

German utility model no. G 93 08 162
French patent no. 9406612
Dutch patent no. 193235

Base/plinth adaptor

for levelling feet
Connection component for the attachment of M12 levelling feet 4612.000 to the base/plinth.

Material:
Sheet steel, zinc-plated, passivated.

Note:
The levelling feet M10 (included with the supply) of the enclosures cannot be attached beneath the base/plinth.

Packs of	Model No.
4	**8800.220**

! **Also required:**

Levelling feet, 4612.000.

Accessories

Base/plinth

Transport castors

for base/plinth
For locating onto the base/plinth corner piece 3.93 or 7.87″ (100 or 200 mm) high by raising or tilting.

Ground clearance:
approx. 3.93″ (100 mm)

Load capacity:
Maximum permissible static load:
max. 660 lbs static load per enclosure.

Colour:
RAL 7022 (umber grey)

Supply includes:
1 set =
4 roller bearings,
4 twin castors,
2 lockable, 2 not.

Packs of	Model No.
1 set	**8800.390**

Note:
Combined use with levelling feet is not possible.

Transport castors

For easy transportation between two sites. The castors may additionally be screw-fastened to the levelling feet in the corner areas of the base frame.
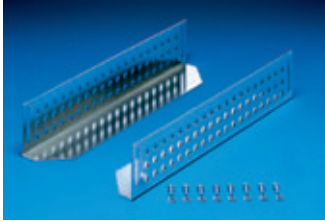
Load capacity:
660 lbs, static

Supply includes:
1 set =
4 transport castors, two of them lockable, including assembly parts.

Packs of	Model No.
1 set	**7000.672**

Slide rails

for TE/FR(i)
For mounting between a front and a rear pair of mounting angles. The slide rails can be used to support heavy 19˝ components.
W x H: 3.34 x 3.14˝ (85 x 80 mm)

Load capacity:
176 lbs

Material:
Sheet steel, zinc-plated, passivated.

Supply includes:
2 slide rails, assembly parts.

Length inches (mm)	19˝ distance between levels inches (mm)	Packs of	Model No.
12.75 (324)	15.5 (395)	2	**7963.310**
16.69 (424)	19.4 (495)[1]	2	**7963.410**
20.6 (524)	23.4 (595)	2	**7963.510**
24.5 (624)	27.3 (695)	2	**7963.610**

[1] Premium accessories: a direct fit for enclosures in their delivered state.

⇄ **Possible alternative:**

Depth-variable slide rail,
see page 22.
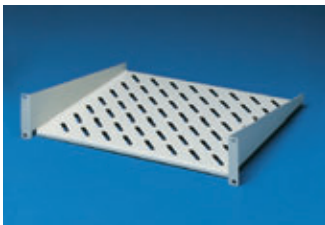
Component shelf, 2 U

static installation
If only one pair of 19˝ mounting angles is available for mounting a component shelf, this variant offers a particularly cost-effective solution. Retrospective installation of telescopic slides is not possible.

Load capacity:
55 lbs surface load, static

Material:
Sheet steel, spray-finished

Colour:
RAL 7035

Component shelf depth inches (mm)	Model No.
9.8 (250)	**7119.250**
15.74 (400)	**7119.400**

⚠ **Also required:**

Screws, captive nuts,
see page 28/29.

Component shelf, 2 U

static installation or fully extendable
Suitable for installation in all enclosures with only one 19˝ location point via flange mounting.

Load capacity:
55 lbs surface load, static

Material:
Sheet steel, spray-finished

Colour:
RAL 7035

Supply includes:
1 set =
1 component shelf,
2 installation brackets,
assembly parts.

For static installation or fully extendable[1]

Width x depth inches (mm)	Model No.
15.35 x 11.81 (390 x 300)	**7148.035**

[1] For fully extendable version, telescopic slides 7051.000 should be ordered additionally.

✚ **Accessories:**

Telescopic slides,
see page 460, IT Catalogue.
Handle,
see page 24.

Interior installation
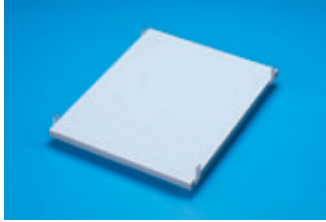
Component shelf, static installation

for direct installation
For fast integration of a component shelf, to accommodate a wide variety of built-in components. Combination with telescopic slides is not possible.
The component shelf is mounted at the side on the front and rear 19″ mounting frame.

Load capacity:
66 lbs, static

Material:
Sheet steel, spray-finished in RAL 7035

Supply includes:
Component shelf, including assembly parts.

W x H x D inches (mm)	19″ distance between levels	Packs of	Model No.
20.15 x .86 x 16.22 (512 x 22 x 412)	495[1]	1	**7000.620**

[1] Premium accessories: a direct fit for enclosures in their delivered state.

Component shelf for static installation

Slotted and unslotted

Two versions:
- Max. load capacity 110 lbs
- Max. load capacity 220 lbs

Generally speaking, an installation kit is needed for installation in accordance with the chosen 19″ distance between levels.
For simplified setting of the required 19″ distance between levels, the enclosure frame of the TE 7000 has mounting attachment points on a 1.96″ (50 mm) pitch pattern of holes.

Load capacity:
110 lbs/220 lbs
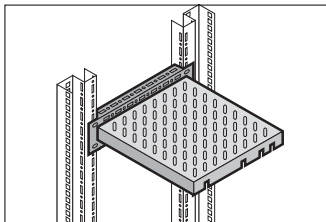
Material:
Sheet steel, 1.5/2 mm, spray-finished

Colour:
RAL 7035

Supply includes:
Component shelf including mounting accessories.

! Also required:

2 TS 8 punched sections with mounting flanges per component shelf in accordance with the chosen 19″ distance between levels, see page 27.

Enclosure width inches (mm)		23.62/31.49 (600/800)		
Component shelf width inches (mm)		18.54 (471)		
Component shelf depth inches (mm)		15.74 (400)	19.68 (500)	23.62 (600)
Model No.	110 lbs slotted	**7164.035**	**7165.035**	**7166.035**
	110 lbs unslotted	**7264.035**	**7265.035**	**7266.035**
	220 lbs slotted	**7464.035**	**7465.035**	**7466.035**
19″ distance between levels, minimum		495[1]	595	695
TS 8 punched section with mounting flange 0.66 x 2.87″ (17 x 73 mm) as an installation kit in the enclosure depth between the 19″ mounting frames		19.48″ 8612.040	23.42″ 8612.050	27.36″ 8612.060

[1] Premium accessories: a direct fit for enclosures in their delivered state.

Slide rail, depth-variable, 1 U

The slide rail facilitates flexible integration of 19″ components without loss of installation height in all enclosures with L-shaped mounting angles or 19″ mounting frames in enclosure series TS 8, TE and FR(i) and their server variants.
Installation of the slide rail is independent from the chosen distance between levels, since the installation length may be flexibly adapted.

Material:
Sheet steel

Surface finish:
Zinc-plated, passivated

Length inches (mm)	Load capacity	Contact surface W x D inches (mm)	Model No.
15.35 x 23.62 (390 – 600)	110 lbs	1.96 x 12.99 (50 x 330)	**7063.878**
23.22 x 36.60 (590 – 930)	176 lbs	1.96 x 20.66 (50 x 525)	**7063.880**

Supply includes:
2 slide rails, including assembly parts

Component shelf $^1/_2$ U, depth-variable

This space-saving component shelf is screw-fastened to the front and rear 19˝ attachment level. It is infinitely depth-adjustable and may be fitted independently from the enclosure. Combination with telescopic slides is not possible.

Distance between levels inches (mm)	Model No.
15.74 – 23.62 (400 – 600)	7063.710
23.62 – 35.43 (600 – 900)	7063.720

Load capacity:
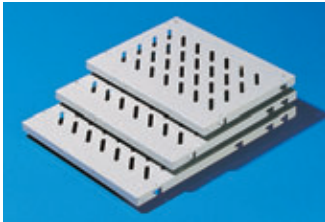110 lbs surface load, static

Material:
Sheet steel

Surface finish:
Spray-finished, RAL 7035

Supply includes:
Component shelf, including assembly parts.

Component shelf, 19˝ configuration

The component shelves may be inserted in network enclosures with two pairs of 19˝ mounting angles.
The component shelves offer a number of location points depending on their depth, so that the distance between levels is completely variable in conjunction with the depth-variable installation kit. Each component shelf secured in this way can be retrospectively upgraded to full withdrawal using telescopic slides. For this purpose, the telescopic slides are screw-fastened in place of the spacers.

Load capacity:
110 lbs or 220 lbs surface load, static

Material:
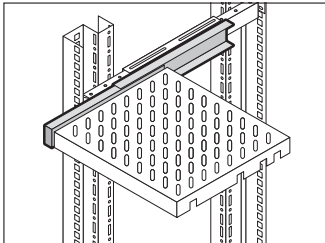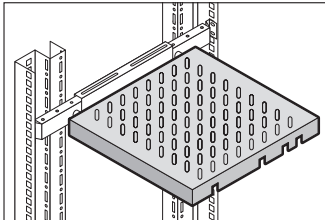Sheet steel

Colour:
RAL 7035

Supply includes:
Component shelf including spacers for static installation.

! Also required:

Depth-variable installation kit, see below.

Component shelf width inches (mm)	16.10 (409)				
Component shelf depth (T) inches (mm)	11.81 (300)	15.74 (400)	19.68 (500)	23.62 (600)	27.55 (700)
Model No. 110 lbs shelf	**7143.035**	**7144.035**	**7145.035**	**7145.635**	**7145.735**
Telescopic slides 110 lbs	7051.000	7061.000	7081.000	7161.000	7161.700
Model No. 220 lbs shelf	–	–	**7063.895**	–	**7063.897**
Telescopic slides 220 lbs	–	–	7065.000	–	7066.700
Handle for component shelf	3636.010	3636.010	3636.010	3636.010	3636.010

Installation kit, depth-variable

for 19˝ component shelves
Infinitely adjustable to the spacing between the two pairs of 19˝ mounting angles.
Suitable for all 19˝ component shelves in 16.10˝ (409 mm) width. May also be combined with telescopic slides.

Material:
Sheet steel

Surface finish:
Zinc-plated, passivated

Supply includes:
1 set =
2 mounting rails, including assembly parts

Length inches (mm)	Load capacity	Model No.
15.74 – 23.62 (400 – 600)	110 lbs	7063.858
23.62 – 33.46 (600 – 850)	110 lbs	7063.860
24.01 – 35.43 (610 – 900)	220 lbs	7063.891[1]
27.95 – 39.37 (710 – 1000)	220 lbs	7063.890

Packs of 1 set
[1] Only in conjunction with 19.68˝ (500 mm) deep component shelves

+ Accessories:

Component shelves, 19˝,
see above.
Telescopic slides,
see page 460, IT Catalogue.

Interior installation/cable management

Handles

for component shelves
All component shelves are prepared for the attachment of handles.

Material:
Die-cast zinc, spray-finished.

Supply includes:
2 handles,
including assembly parts.

Packs of	Model No.
2	**3636.010**

Fastening bolts

for slotted component shelves
For non-slip attachment of your components. The bolts are screwed into the longitudinal slots of the component shelf support surface. Consequently, they are infinitely adjustable and can be adapted to suit any appliance.

Packs of	Model No.
4	**7115.000**

Cable ties

for quick assembly
The super-fast solution for attaching cables in the round system punchings e.g. of punched sections or to the rear of the 19″ mounting frame. Simply clip into the round system punchings.

Length inches (mm)	Packs of	Model No.
5.9 (150)	100	**2597.000**

Cable tie fastener

For all commercially available cable ties up to a tie width of 18″ (4.8 mm). Simply insert into the round system punchings and secure by hammering down the split rivet.

Material:
Polyamide 6.6

Packs of	Model No.
100	**6059.000**

Nylon loop fastener

With the nylon loop fastener, secured sections of cable are easily released, allowing individual cables to be added or removed. Ideal for sensitive data cables (fibre-optic/Cu), as it avoids indentations on the cable sheathing. In addition, the nylon loop fastener may be screw-fastened to the round system punchings.

Colour:
Black

Width inches (mm)	Length inches (mm)	Max. cable diameter inches (mm)	Packs of	Model No.
.629 (16)	5.11 (130)	1.18 (30)	10	**7072.220**
.629 (16)	7.87 (200)	1.96 (50)	10	**7072.230**
.629 (16)	11.81 (300)	3.54 (90)	10	**7072.240**

⚠ **Also required:**

Screw 2486.500 for screw-fastening to the round system punchings,
see page 29.

C rail

To accommodate large tensile forces, larger cables or cable sections via cable clamps, and for tidy cable routing inside the enclosures. The cable clamp rails may be located directly on a 19″ mounting frame horizontally at the rear or in the enclosure depth between two mounting frames. An additional screw fastening secures the unit.

If the rail is to be secured between two mounting frames, it is necessary to secure the two 19″ mounting frames at the corresponding distance from one another beforehand.

Material:
Sheet steel, zinc-plated, passivated

Supply includes:
4 C rails, including assembly parts.

➕ **Accessories:**

Cable clamps,
see below.

Type of attachment	In the enclosure width	In the enclosure depth		
19″ distance between levels inches (mm)	–	17.51/19.48 (445/495)[1]	21.45/23.42 (545/595)	25.39/27.36 (645/695)
Model No.	**7828.060**	**7828.040**	**7828.050**	**7828.060**

**[1] Premium accessories: a direct fit for enclosures in their delivered state.**

Cable clamps

For attaching cables to C rails, with plastic insert.

Material:
Sheet steel, zinc-plated, passivated.

For cable diameter mm	Packs of	Model No.
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**
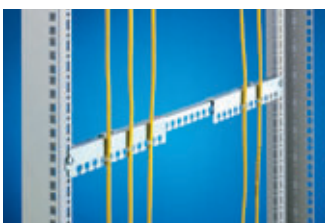
Cable clamp rails

For strain relief of the routed cables. The cables may be attached to the cable clamp rails with cable ties or nylon loop fasteners.
The cable clamp rails may be located directly onto a 19″ mounting frame horizontally at the rear or in the enclosure depth between two mounting frames. An additional screw fastening secures the unit.
The depth-variable version of the rails facilitates flexible adaptation of their length to the prescribed attachment distance between the two 19″ mounting frames.

Material:
Sheet steel, zinc-plated, passivated

Supply includes:
4 cable clamp rails, including assembly parts.

➕ **Accessories:**

Cable ties, nylon loop fasteners,
see page 24.

Type of attachment	In the enclosure width	In the enclosure depth	
19″ distance between levels inches (mm)	–	12.78 – 22.63 (325 – 575)[1]	19.68 – 35.23 (500 – 895)
Model No.	**7828.062**	**7858.160**	**7858.162**

[1] Premium accessories: a direct fit for enclosures in their delivered state.

Accessories

Cable management

Cable guide ring, plastic

For flexible cable routing, in two materials and three size variants.
Attachment facility at the side of the 19″ mounting frame.

Polyamide version:
Infinitely adjustable fastening by means of a slot. The guide ring 7218.035 may also be used on 1 U patch panels.

Colour:
RAL 7035

The following applies to 7218.035 and 7219.035:
German patent no. 4413124

Material	Dimensions inches (mm)	Packs of	Model No.
Polyamide	2.75 x 1.73 (70 x 44)	10	**7218.035**
Polyamide	4.13 x 2.75 (105 x 70)	10	**7219.035**
Polycarbonate	3.74 x 1.96 (95 x 50)	10	**7228.035**

Polycarbonate version:
Variable attachment option, with 45° attachment the cable guide ring may be attached to a 1 U panel.

Colour:
RAL 7035

Possible alternative:
Cable management panel, 1 U, see page 460, IT Catalogue.

Cable guide ring

For flexible, system-compatible cable routing at the side of the 19″ mounting frame.

Material:
Sheet steel, zinc-plated, passivated.

Supply includes:
10 cable guide rings, including assembly parts.

German patent no. 3813002

Dimensions inches (mm)	Packs of	Model No.
4.72 x 3.14 (120 x 80)	10	**7111.900**
4.72 x 2.36 (120 x 60)	10	**7111.000**
3.14 x 1.45 (80 x 37)	10	**7112.000**

Cable guide ring

To accommodate large quantities of cables. Cable guide ring for side attachment to 19″ sections in 31.49″ (800 mm) wide network enclosures. The cable guide ring is attached asymetrically, with $1/3$ in front of and $2/3$ behind the 19″ front. In this way, even large quantities of cables can be effectively managed.

Material:
Round steel, zinc-plated, passivated.

Supply includes:
4 cable guide rings with assembly parts.

Dimensions inches (mm)	Model No.
11.81 x 3.54 (300 x 90)	**7220.600**

TS punched section with mounting flange .66 x 2.87˝ (17 x 73 mm)

For designing a flexible interior installation, or for accommodating additional components. The punched sections with mounting flanges may be located directly onto a 19˝ mounting frame horizontally at the rear or in the enclosure depth between two mounting frames. An additional screw fastening secures the unit.

If the rail is to be secured between two mounting frames, it is necessary to secure the two 19˝ mounting frames at the corresponding distance from one another beforehand.

For simplified setting of this required 19˝ distance between levels, the enclosure frame of the TE 7000 has mounting attachment points on a 1.96˝ (50 mm) pitch pattern of holes.
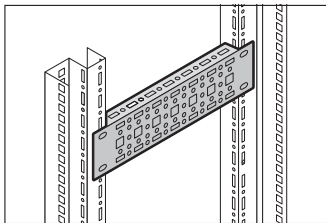
Material:
Sheet steel, zinc-plated, passivated

Supply includes:
4 punched sections with mounting flanges, including assembly parts.

German patent no. 196 47 802

Type of attachment	In the enclosure width	In the enclosure depth					
19˝ distance between levels inches (mm)	–	17.51 (445)	19.48 (495)[1]	21.45 (545)	23.42 (595)	23.39 (645)	27.36 (695)
Model No.	**8612.060**	**8612.140**	**8612.040**	**8612.150**	**8612.050**	**8612.160**	**8612.060**

[1] Premium accessories: a direct fit for enclosures in their delivered state.

Note:
When selecting a distance between levels outside of the mounting attachment points, it is advisable to use the depth-variable punched section with mounting flange,
see below.

TS punched section with mounting flange .66 x 2.87˝ (17 x 73 mm), depth-variable

For designing a flexible interior installation, or for accommodating additional components. The punched sections with mounting flanges may be located in the depth between two mounting frames. An additional screw fastening secures the unit.

The depth-variability of the rails facilitates flexible adaptation to the prescribed attachment distance between the two 19˝ mounting frames. An additional punched centre piece slides along the rail in the depth and can be secured to slots.

19˝ distance between levels inches (mm)	Packs of	**Model No.**
16.53 x 23.22 (420 – 590)	2	**7000.676**
25.59 x 32.28 (650 – 820)	2	**7000.678**

Material:
Sheet steel, zinc-plated, passivated

Supply includes:
2 variable punched sections with mounting flanges, each with a sliding centre piece, including assembly parts.

Accessories

Grounding/assembly parts

TE socket strip

8-way socket strip for grounding-pin plugs/version D. The strip is made of plastic and may be mounted vertically on the TE frame or in the rear 19″ section. In the 19″ section, more than 1 U of space is required. The sockets are arranged at an angle of 45°, so that angular connectors may also be easily used. The socket strip is supplied with a 2 m connection cable. The connection cable is attached in a terminal slot in the strip. The terminal slot is equipped with a separate cover, so that easy, fast access to this connection point is always available. The connection cable is likewise easily replaced. Furthermore, the socket strip has external terminals for separate grounding.

Technical specifications:
Rated voltage: 230 V AC
Rated current: max. 16 A
Connection cable: Length 2 m, H05VV-F3G, 1.5 mm², without connectors with wire end ferrules

TE socket strip	Model No.
8-way, earthing-pin	**7000.630**

Complete grounding kit

For system-compatible earthing of all enclosure parts on the enclosure frame according to VDE. The earth conductors are pre-assembled ready for connection with connectors and cut to the correct length.

Supply includes:
Grounding conductors, 6 mm² including assembly parts.

Packs of	Model No.
1 kit	**7000.675**

! Also required:

Grounding kit 7526.981 for the installation with module plates.

Assembly screws

M5 x 16 mm/M6 x 16 mm
For rack-mounted electronics, 19″ installed equipment and blanking plates, including plastic washers.

Design	Packs of	Model No.
Phillips-head screw M5	100	**2099.500**
Cheese-head screw M6	100	**2093.200**
Phillips-head screw M6	100	**2089.000**

Torx screws

M5 x 16 mm/M6 x 16 mm
For optimum transmission of torques, an extended tool life and increased safety and reliability when tightening and loosening screw connections.

Supply includes:
Assembly screws with Torx screw head including plastic washers.

	Bit size	Packs of	Model No.
M5	Torx 25	100	**7094.500**
M6	Torx 30	100	**7094.600**

Captive nuts M5/M6

For the attachment of rack-mounted electronic equipment, 19˝ installed equipment and blanking plates to mounting angles, 19˝.
For use with metal thicknesses from 0.8 – 2.0 mm. In areas of narrow tolerance, captive nuts for metal thicknesses of 1.2 – 1.5 mm should be used. Optionally with or without contact of the installed equipment to the 19˝ section/enclosure.

Captive nut M5

Design	Packs of	For metal thicknesses mm	Model No.
With contact	50	0.8 – 2.0	**2094.500**
Without contact	50	0.8 – 2.0	**2092.500**

Captive nut M6

Design	Packs of	For metal thicknesses mm	Model No.
With contact	50	0.8 – 2.0	**2094.200**
Without contact	50	0.8 – 2.0	**2092.200**
With contact	50	1.2 – 1.5	**2094.300**
Without contact	50	1.2 – 1.5	**2092.300**

Torx screws

For round holes 4.5 mm diameter in the enclosure section, punched rails and punched sections without mounting flanges.

	Dimensions	Packs of	Model No.
Torx screws	5.5 x 13 mm	300	**2486.500**

CMC-TC monitoring system

The CMC-TC monitoring system protects the safety-relevant network components, and hence sensitive data, in the TE enclosure. The system is installed using the plug & play system via RJ connectors. The sensors are automatically detected and set up. The network interface is Ethernet 10BaseT. The security information may be accessed via the data network. TCP/IP, SNMP, WEB, FTP, Telnet and RS 232 are used. A basic package required for every application is listed below. The three function packages listed are additionally available for selection. Further information and functions (SMS via GSM etc.) may be found in our IT News 2004 brochure.

Basic package for up to 4 function packages:

CMC-TC processing unit	**7320.100**
CMC-TC power pack 24 V, input 100 – 230 V AC	**7320.425**
CMC-TC 1 U mounting unit	**7320.440**
CMC-TC connection cable, sensor unit 0.5 m, packs of 4	**7320.470**
CMC connection cable D 230 V AC	**7200.210**
Programming cable	**7200.221**

Function packages:

1. Climate control package for TE fan control:

CMC-TC climate unit	**7320.230**
CMC-TC temperature sensor	**7320.500**
CMC connection cable D 230 V AC	**7200.210**

Matching TE fan mounting plate, see page 16.

2. Access package for TE door control:

CMC-TC access unit	**7320.220**
CMC-TC access sensor, packs of 2	**7320.530**
CMC-TC coded lock	**7320.770**

Matching handle and accessories, see page 13/14.

Indicator package for TE alarm monitoring:

CMC-TC I/O unit	**7320.210**
CMC-TC temperature sensor	**7320.500**
CMC-TC humidity sensor	**7320.510**
CMC-TC smoke alarm	**7320.560**
CMC-TC digital input	**7320.580**

For a further selection of sensors, see IT News 2004.

Table of order numbers

Model No.	Page		Model No.	Page		Model No.	Page
2089.000	28		7000.780	31		7465.035	22
2092.200	29		7000.910	31		7466.035	22
2092.300	29		7063.710	23		7526.750	16
2092.500	29		7063.720	23		7526.760	16
2093.200	28		7063.858	23		7526.770	16
2094.200	29		7063.860	23		7526.780	16
2094.300	29		7063.878	22		7526.790	16
2094.500	29		7063.880	22		7526.800	16
2099.500	28		7063.890	23		7526.820	16
2307.000	14		7063.891	23		7526.829	16
2435.000	13		7063.895	23		7526.834	16
2450.000	13		7063.897	23		7526.850	16
2451.000	13		7072.220	24		7526.860	16
2452.000	13		7072.230	24		7526.963	15
2454.000	13		7072.240	24		7561.500	19
2455.000	13		7077.000	25		7581.500	19
2460.000	14		7078.000	25		7582.500	19
2460.650	14		7094.500	28		7825.601	18
2461.000	14		7094.600	28		7825.603	18
2462.000	14		7097.000	25		7825.801	18
2463.000	14		7097.220	25		7825.803	18
2464.000	14		7097.260	25		7828.040	25
2465.000	14		7097.300	25		7828.050	25
2466.000	14		7097.340	25		7828.060	25
2486.500	29		7098.000	25		7828.062	25
2597.000	24		7098.100	25		7858.160	25
2817.000	19		7099.000	25		7858.162	25
3636.010	24		7111.000	26		7963.310	21
6059.000	24		7111.900	26		7963.410	21
7000.430	10		7112.000	26		7963.510	21
7000.440	10		7115.000	24		7963.610	21
7000.450	11		7119.250	21		7980.000	15
7000.460	11		7119.400	21		8601.065	18
7000.500	10		7143.035	23		8601.085	18
7000.502	10		7144.035	23		8601.100	19
7000.510	10		7145.035	23		8601.605	18
7000.520	11		7145.635	23		8601.805	18
7000.530	11		7145.735	23		8602.065	18
7000.532	11		7148.035	21		8602.085	18
7000.560	10		7164.035	22		8602.605	18
7000.562	10		7165.035	22		8602.805	18
7000.570	10		7166.035	22		8612.040	27
7000.580	11		7200.210	29		8612.050	27
7000.590	11		7200.221	29		8612.060	27
7000.592	11		7218.035	26		8612.140	27
7000.620	22		7219.035	26		8612.150	27
7000.630	28		7220.600	26		8612.160	27
7000.640	14		7228.035	26		8800.220	19
7000.642	14		7264.035	22		8800.390	20
7000.644	14		7265.035	22			
7000.650	14		7266.035	22			
7000.652	14		7320.100	29			
7000.654	14		7320.210	29			
7000.656	14		7320.220	29			
7000.670	15		7320.230	29			
7000.672	20		7320.425	29			
7000.675	28		7320.440	29			
7000.676	27		7320.470	29			
7000.678	27		7320.500	29			
7000.700	31		7320.510	29			
7000.710	31		7320.530	29			
7000.720	31		7320.560	29			
7000.730	31		7320.580	29			
7000.750	31		7320.700	13			
7000.760	31		7320.770	29			
7000.770	31		7464.035	22			

B = Width
T = Depth

Benefits:
- One-piece 19″ wall-mounted enclosure, rigidly constructed.
- With glazed or sheet steel door at the front, including security lock 3524 E.
- Interchangeable door hinge.
- Open rear panel as space for cable entry.
- 19″ mounting angles at the front, from inner edge of door adjustable in the depth from .98 – 4.33″ (25 to 110 mm).

- Round openings on all sides for cable entry between several enclosures, or for access during installation and maintenance work, concealed by covers.
- Three rectangular cutout pre-punchings at the rear top and bottom, optionally for cable entry.
- Vent slots at the side for passive ventilation.

Material:
Sheet steel enclosure, viewing window, single-pane safety glass 0.11 oz (3 mm)

Surface finish:
Primed, powder coated

Colour:
RAL 7035

Supply includes:
Wall-mounted enclosure with 19″ level at the front

TE Wall Box					
U		6	9	12	15
Dimensions in inches (mm)	W	23.62 (600)	23.62 (600)	23.62 (600)	23.62 (600)
	H	12.75 (324)	18.03 (458)	23.30 (592)	28.58 (726)
	D	18.11 (460)	18.11 (460)	18.11 (460)	18.11 (460)
Model No. Glazed door with 3 mm safety glass		**7000.700**	**7000.710**	**7000.720**	**7000.730**
Model No. Sheet steel door, solid		**7000.750**	**7000.760**	**7000.770**	**7000.780**
Accessories					
U		1	1.5	2	3
Component shelf 19″, static installation	D = 5.51″ (140 mm)	7119.140	–	–	–
Component shelf 19″, static installation	D = 9.84″ (250 mm)	–	–	7119.250	–
Blanking panel 19″		7151.035	7157.035	7152.035	7153.035
Cable gland panel 19″		7140.535	–	7150.535	–
Access protection for round enclosure openings		7000.910			
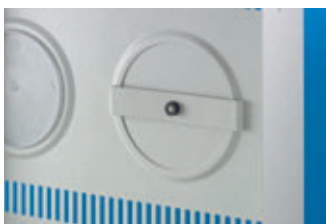
Access protection
for TE Wall Box
Round metal cover for attaching from the inside of the enclosure, in exchange for standard plastic covers over the entry openings.

Packs of	Model No.
2	7000.910

Material:
Sheet steel

Colour:
RAL 7035

Interested in receiving more information on the TE 7000, the Global IT Rack from Rittal?

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I have some specific questions
regarding the Global IT Rack TE 7000.

❏ Please arrange for a specialist advisor to visit me

❏ Please call me back

Please send me your brochure
❏ "IT News 2004"
❏ "CMC Top Concept"

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