

Rittal – The System.

Faster – better – everywhere.

► Technical System Catalogue Plastic Enclosures KS



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SOFTWARE & SERVICES



Plastic enclosures KS



KS plastic enclosures are extremely versatile. A high protection category, no risk of corrosion, high levels of chemical resistance and a totally insulated design open up application areas in which conventional metal housings cannot be used.

- 1** Twin seal on the top and bottom edges of the doors on all housings formed by an integral rain protection strip made of hard PVC with a co-extruded PVC sealing lip
- 2** Interior of enclosure securely protected by an all-round foamed-in PU seal within the profiled U-section of the door
- 3** Totally insulated design
- 4** Installation of several mounting levels using press-fitted C rails in the housing for infinitely variable mounting plate depth adjustment
- 5** Flexible interior door configuration using press-fitted mounting bosses in the door for the attachment of cable routings and other customer-specific attachments
- 6** High stability thanks to use of fibre-glass reinforced plastic
- 7** Interior configuration using “bosses” and threaded bushings

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Internationally recognised approvals and certifications

Rittal products boast a wealth of internationally recognised approvals and certifications and comply with the most exacting and globally recognised quality standards.

- All components are subjected to the most stringent testing in accordance with international standards and regulations
- The consistently high product quality is ensured by a comprehensive quality management system
- Regular production inspections by external test institutes guarantee compliance with global standards

All current approvals and certifications can be found on the Rittal website.



CAD data

Using the RiCAD 3D online CAD component library, Rittal offers engineering, climate control, IT and power solutions for the widest range of enclosures and applications from a single source.

With professional data for every CAD system, the efficiency of your system design is increased and assembly times are reduced.

- CAD data is also available as an app for reference on the move or from the Rittal website
- Data can be requested via e-mail
- Choose from over 70 CAD formats
- Direct link to the relevant page in the latest Rittal Catalogue for an “all-in-one” solution
- Optimum planning confidence through accurate and validated drawings
- By dispensing with the need for lengthy remodelling, time-savings are achieved



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PU foam seal

- Seamless, foamed PU seal within the profiled and protective door U-section
- Guarantees a permanent and reliable protection category
- Temperature resistant from -20°C to +80°C
- May be over-painted and briefly stove-enamelled at up to 180°C



Rain protection strip

- The seal is protected from dust and rain by an integral rain protection strip made of hard PVC with a co-extruded PVC sealing lip
- Twin seal on the top and bottom edges of the door in all housings



Interchangeable door hinge

- Functionally symmetrical housing design, which means the door hinge can be swapped to the other side of single-door enclosures by rotating the housing

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Design variants

- Available with viewing window, twin doors or solid door



Interior configuration

- Mounting bosses for threaded inserts on the rear wall of the housing (with 25 mm pitch pattern) and door, thereby facilitating more flexible interior configuration
- Mounting bosses with integral threaded inserts for mounting plate and/or C rails
- C rails pressed in along sides for infinitely variable depth adjustment of the mounting plate



Wall mounting

- Pre-punched centring points allow drilling without scribing when fastening the enclosures directly from the front



Mounting plate

- Zinc-plated sheet steel
- Stable mounting plate for universal machining in every type of application
- Easy to fasten to screw-in studs in M8 x 12.5 mm threaded inserts



Accessories



Wall mounting brackets

- Glass-fibre reinforced plastic, hence consistent design
- Simple attachment from the outside to the rear panel
- Mouldings on the rear of the housing help maintain the protection category, as no drilling inside the housing is necessary
- Load capacity of up to 150 kg (when using 4 wall brackets)



Mounting plate depth adjustment

- Infinitely adjustable
- Allows several mounting plates to be installed
- Rails can also be fitted to the depth adjustment bracket



Pole clamp

- For reliable, convenient fastening to round or square poles



Lock

- Large range of different lock systems
- Cam may be exchanged for:
 - Ergoform-S handle
 - Plastic handle
 - Lock inserts

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