Technical System Catalogue
Operating housings with handle strips
Operating housings with handle strips are ergonomic and easy to mount, boast an attractive design and are available off the shelf. Versatile application options due to different dimensions and mounting methods. Perfectly designed for attaching to the Rittal support arm system CP 60/120/180.

- Sheet steel housing with triple surface treatment provides protection against corrosion
- Multi-folded housing protection channel prevents the ingress of dirt and water when the door is opened
- High protection category IP 55
- Aluminium front panel, easily dismantled for machining
- Fast and safe servicing access from the front or rear
- Shaped interior installation bracket with TS system punchings to match TS system accessories
- Support arm connection for one-person assembly
- Support arm connection, dia. 130 mm, preformed off-centre in the reinforcement plate as a template
- Lock with integral door runners for easy locking
- Modern design, adapted to support arm system CP 60/120/180
- Design strip on side including handle function
Operating housings
with handle strips

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
Operating housings with handle strips

**Optimum surface protection**
Triple surface treatment provides optimum protection against corrosion.
Maximum quality is achieved in three stages:
1st phase: Nanoceramic primer
2nd phase: Electrophoretic dipcoat-priming
3rd phase: Textured powder-coating

1. Metal with triple surface treatment (Rittal Standard) following a 180-hour salt spray mist test
2. Metal powder-coated only following a 180-hour salt spray mist test

**PU foam seal**
- Seamlessly foamed-in
- Temperature resistant from -20°C to +80°C
- May be over-painted and briefly stove-enamelled at up to 180°C
- High protection category IP 55
Operating housings with handle strips

Housing protection channel
- Specifically designed to remove water, so that moisture does not collect against the seal
- Housing return edge with continuous protection channel prevents the ingress of dust and dirt when the door is opened
- Multi-folded protection channel also ensures a high level of stability with the housing fully opened
- Additional protection for the high-quality PU foam seal

Earthing
- Easily accessible earthing bolt on the body:
  1. Door earthing via perforated door strip (with servicing access from rear)
  2. Additional earthing bolts also possible (with servicing access from front)
- Earth straps in various cross-sections and lengths available as accessories
Operating housings with handle strips

Design and functionality
- Modern and stylish design to match the new support arm system 60/120/180
- Design strip including handle function

Service-friendliness
- Servicing access from the rear:
  - Aluminium front panel on the rear wall with maximum cut-out for installing control components
  - Access through AE series door with perforated door strip
- Servicing access from the front:
  - Aluminium front panel on the door with maximum cut-out for installing control components
  - Possibility of using a mounting plate due to welded on nuts on the rear wall
Operating housings with handle strips

Ease of mounting/interior configuration
- Lock with integral door runners for easy locking
- Standardised interior configuration using Rittal system accessories thanks to the integral interior installation brackets on each side with TS system punchings
- Aluminium front panel, easily dismantled for machining

Connection to support arm system
- Support arm connection dia. = 130 mm, off-centre by simply drilling a hole e.g. for mounting in niches
- Support arm connection dia. = 130 mm, top or bottom by rotating the housing
- Support arm connection for one-person assembly via machined keyhole

Keyboard support for operating housings
For mounting onto operating housings with handle strips and operating housings for desktop TFT up to 24”
- Adjustable to different keyboard depths via a simple slide function
- May be mounted on operating housings from a width of 300 mm
- Connection to operating housings with support arm connection at the top or bottom
- Easily adjustable tilt angle
- Option of external mounting on surfaces
- Open sides prevent dirt accumulating on the support
Rittal – The System.

Faster – better – everywhere.

- Enclosures
- Power Distribution
- Climate Control
- IT Infrastructure
- Software & Services

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