

Rittal – The System.

Faster – better – everywhere.

► Location Case.

Ready for rail's digital transformation.



ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



The NEXT generation location case

Increasing safety & reliability preventing system failures.

The new generation Location Case has been developed in conjunction with Network Rail and their exacting requirements using a standard product platform widely used in other IT & Industry sectors.

The enclosure is based on three sizes to accommodate BR 440 frame work, 19" Rails & mounting plates for all disciplines throughout the UK rail network for signalling, telecoms and power.

The location case has been developed to prevent ingress from foreign bodies, water and provide the correct internal environment for all types of installed equipment.

- 35 years life expectancy
 - Designed to accommodate BR 440 frame work or 19" Rails
 - High security
 - Scalable temperature control with environmental calculation tool
 - Stainless steel construction
 - Three sizes - 1200w x 600d, 600w x 600d and 800w x 600d (all 1800mm high*)
 - Completely flexible, completely future proof
 - Standard parts off the shelf
 - Bayable to allow the creation of enclosure suites
 - Outer walls and frame can be lifted and replaced on site
Internal components remain in place
 - Double-walled
 - Outer wall can be removed if damaged
 - Door open & unlocked alarm interface
 - Thermal management alarm interface
 - Instant foundation option without the need of wet concrete and muck away
- *NB total height including base plinth - 1900mm



Protecting critical equipment

The enclosure is based on three sizes to accommodate BR 440 frame work, 19" Rails & mounting plates for all disciplines throughout the UK rail network for signalling, telecoms and power.

The location case has been designed to IP55 to prevent ingress from foreign bodies and provide the correct internal environment for all types of installed equipment.

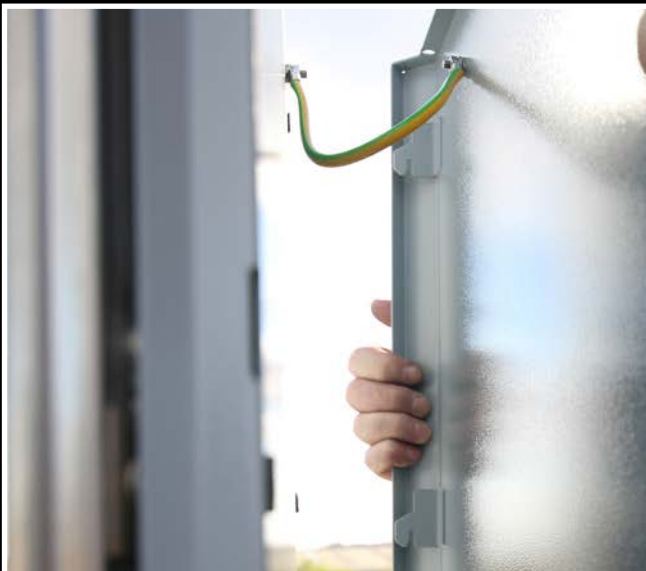


Hot Swap



- Site replaceable by lifting the outer walls and frame.
- Enclosure panels: Stainless steel.
- Rain canopy front and rear.
- Two door access for easy installation and maintenance (access from front and rear).

Performance & Security



- Double-walled outdoor enclosure, fully preconfigured options.
- Outer wall and doors can be removed and replaced if damaged.
- Chimney effect of the twin-walled structure – Reduces the influence of solar gains.
- Designed to IP55.



- High level security.
- Door open & unlocked alarm interface.
- 5 point lock.
- Heavy duty door hinges with 5 catch points.
- Thermal management alarm interface.

Cooling and Ergonomic Design

With the option to select scalable cooling using simple calculation software, passive cooling, forced air or air conditioning may be selected to create the perfect environment for the installed equipment.

With the correctly sized cooling option selected, prevention of premature system failure due to temperature fluctuation is removed increasing the installed equipment's operational life.

Bayable



- Three sizes: Standard Height = 1800mm*: 1200w x 600, 600w x 600 and 800w x 600.
- Bayable to allow the creation of enclosure suites.
- Fully enclosed roof secured from top of enclosure.

*NB total height including base plinth - 1900mm

Climate Control



- Scalable temperature control with environmental calculation tool.
- Passive, forced air and air conditioning options.
- Thermal management alarm interface.
- Protection plates provided for simple upgrade of climate control equipment.
- Enclosure heaters are also available.

Ergonomic Features & Accessories



Wide Range of accessories including:

- Door mounted fold down lecturn
Perfect for laptop or tablet usage.
- Document holder.
- Eyebolts provided for transport.
- Provided with system light which provides optimum enclosure illumination.



- Optional roof containing rain canopy.
- Retractable rain canopy housing:
Stainless steel.
- Pull out rain cover front and back.
- Allow an additional 150mm in height
for rain canopy roof.

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

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