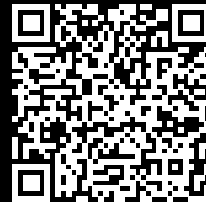


Rittal – The System.

Faster – better – everywhere.



RM 7857.971 Security rooms

State: 14/07/2025 (Source: rittal.com/com-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



RM 7857.971 - Security rooms

Basic protection or high availability protection for data centres. Whether you are planning a new building or an extension to your data centre, we are at your side with decades of experience.

Features

| | |
|----------------------|---|
| Model No. | RM 7857.971 |
| Design | Basic protection plus room |
| Product description | The basic protection room - an optimum, modular room-within-a-room solution for protecting IT/infrastructure components. The High Availability room - certified maximum physical protection for data centres and IT system locations. |
| Note | Tested products are tested as a complete construction. This comprises the cellular structure and installation modules such as doors, cable shields or ventilation units. By contrast, component testing only refers to individual parts. |
| Corrosive fire gases | Acrid gas-tightness, based on EN 1634-3 (DIN 18095) |
| Falling debris | Shock test as system test, 1 shock of 200 kg from 1.5 m after 30 minutes flame impingement time |
| Dust-tightness | IP 5x as system testing to EN 60 529, for the cellular structure and its built-in modules |
| EMC protection | Protection against high-frequency irradiation and radiation, verified by tests on comparable components by TU Aachen |
| Fire protection | 50 K temperature rise and 85% rel. humidity over 30 minutes, without reheat period F90 as system test, according to the limits of EN 1363 (DIN 4102), for the cellular structure and its built-in modules F120 only as component testing to EN 1363 (DIN 4102), wall system only F90 only as component testing to EN 1363 (DIN 4102), wall system only |

Features

| | |
|---------------------|--|
| Unauthorised access | RC 3 as system test to EN 1627/1630, for the cellular structure and its built-in modules, such as doors RC 2 as system test to EN 1627/1630, for the cellular structure and its built-in modules, such as doors |
| Water | Extinguisher water, IP x6 as system testing to IEC 60 529, for the cellular structure and its built-in modules Relative humidity, 85%, over 30 minutes |
| Packs of | 1 pc(s). |
| Net weight | 0.009 |
| Gross weight | 0.01 |
| EAN | 4028177689367 |
| ETIM 9 | EC002499 |
| ECLASS 8.0 | 27180207 |