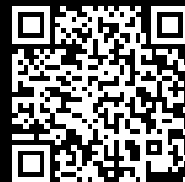


# Rittal – The System.

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## RM 7857.971 Security rooms

State: 09/09/2025 (Source: [rittal.com/sg-en](https://rittal.com/sg-en))

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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