

Rittal – The System.

Faster – better – everywhere.



DK 7998.307

RiMatrix S

State: 2025-07-10 (Source: [rittal.com/ca-en](https://www.rittal.com/ca-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



DK 7998.307 - RiMatrix S Standard security room

The standardized data center at your premises is equipped with an additional security room feature (room-within-a-room) to provide additional protection from fire, water and smoke.

Features

Model No.	DK 7998.307
Product description	The standardized data center at your premises is equipped with an additional security room (room-within-a-room) to provide additional protection from fire, water and smoke.
Material	Element core made from thermally effective insulating material Robust, encapsulated Carbon steel cassette panels Innovative connection system using patented profile technology Use of temperature- and humidity-resistant seals Use of fire protection valves Dismantling and reassembly are possible at any time
Supply includes	Advice and ROI calculation Delivery and integration into the customer infrastructure Commissioning and handover Documentation, training, instruction Hotline and service/service agreements
Clearance depth	7,220 mm
Clearance height	2,700 mm
Clearance width	4,776 mm
Climate control (ZUCS)	120 kW + 20 kW n+2 redundant
Quantity of low-voltage main distributors	2
Quantity PDU Basic	28
Serverracks (600x2000x1200mm)	12
Combined network / server rack (800 x 2000 x 1200 mm)	2

Features

Protection standards	Fire resistance EI 90 to EN 1363/F 90 to DIN 4102 Dust- and watertight to IP 56 to IEC 60 529 Protection from unauthorized access – Resistance class II Basic EMC protection Acrid gas-tightness, based on EN 1634-3 (DIN 18095) Shock test with 3000 Nm energy after 30 minutes flame impingement over standard temperature curve
Burglar resistance	RC 2
Design burglar protection	Yes
Design fire protection	EI 90 to EN 1363/F 90 to DIN 4102
Humidification and dehumidification system	optional
Room extinguisher system	optional
Design UPS	2 x (60 kW + 20 kW) n+1 redundant
Version	Double 6
Dimensions	Width: 4,976 mm Height: 2,800 mm Depth: 7,420 mm
Packaging unit	1 pc(s).
Customs tariff number	73089059
EAN	4028177702509
ETIM 9	EC002499
ECLASS 8.0	27180207