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RM 7857.972 Security rooms

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RITTAL

FRIEDHELM LOH GROUP

RM 7857.972 - 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 7857.972
Design	High Availability 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	Protection from acrid gases to DIN 18 095
Falling debris	Shock test as system test, 3 shocks of 200 kg from 1.5 m after 45 minutes flame impingement time 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

Features

Fire protection	ECB·S certifications to EN 1047-2, 50 K temperature increase and 85% rel. humidity up to 24 hours (reheating period), 60 minutes flame impingement time F120 as system test, according to the limits of EN 1363 (DIN 4102), for the cellular structure and its built-in modules
Unauthorised access	RC 3 as system test to EN 1627/1630, for the cellular structure and its built-in modules, such as doors RC 4 only as component testing to EN 1627/DIN 1630, door system only
Water	Standing water, 72 hours, 40 cm, maximum 20 drops Extinguisher water, IP x6 as system testing to IEC 60 529, for the cellular structure and its built-in modules Relative humidity, 85%, over 24 hours (reheat period), 60 minutes flame impingement time, to EN 1047-2 Relative humidity, 85%, over 30 minutes
Explosion protection	Detonation test as system testing of 200 kg TNT from 40 m
Packs of	1 pc(s).
Net weight	0,009 kg
Gross weight	0,01 kg
Customs tariff number	73089059
ETIM 9	EC002499
ECLASS 8.0	27180207
Product description	RM Security room, High Availability room (HVR)