



DATASHEET
Local
extinguishing
system
(LES-RACK)

CONTEG

LOCAL EXTINGUISHING SYSTEM **LES-RACK**



Information is critically important to us all, therefore data security is paramount. One of the most dangerous threats to our data systems is fire. The **LES-RACK** ensures that any fires occurring within the rack are dealt with quickly and effectively.

Code	Description
LES-RACK-M1	Fire detection, control, evaluation, communication and fire-extinguishing unit

- LES-RACK is a self-contained, fully automatic fire detection and protection system (designed for direct installation into 19" racks with IP30 or higher) offering an efficient, effective solution for servers, telecommunication and control racks/cabinets. The LES-RACK-M1 unit comes with a fully equipped fire detection, control, evaluation, communication and extinguishing system. Larger-sized server racks and adjacent rack units may be protected with additional auxiliary LES-RACK-M1.
- LES-RACK employs clean gas, flooding the protected space until the fire is completely extinguished. The unit is comprised of metal cylinders filled with agent FK-5-1-12 in accordance with TUPO (the Technical Institute of Fire Protection, Authorization Body 221).
- The pressureless construction solution also enables air transport. After activation, the device can be refilled with extinguishing agent directly at the installation site.

LES-RACK parameter	Value
Unit width	483 mm/19"
Unit height	45 mm/1U
Unit base depth	495 mm
Total depth of detection extension (according to depth of protected equipment)	Max. 860 mm
System weight without extinguishing agent	11 kg
Weight of extinguishing agent—FK-5-1-12	2 kg
Classification of environmental conditions (according to EN 60721-3-3)	3 k5
Environment class	A
Operating temperature range	+5 °C to +40 °C
Relative air humidity	90 % non-condensing
Operating position	Horizontal
Operation	Permanent
Electrical input power	max. 200 VA
Protection rating	IP30
Supply voltage of main source	110-240 V AC
Supply frequency of main source	50/60 Hz



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