



HIGH PERFORMANCE 19" RACK FAN TRAYS

LE 019

01930.0-00

LE 019 Fan tray, 3 fans, 486m³/h, 230V ac



- Large airflow
- Long life
- Optical function indicator
- Quick installation
- IP20

PRODUCT DESCRIPTION

The LE019 is a compact, but high performance 19-inch rack. Designed to ventilate with high airflow, for example, data servers and other equipment that require high airflow to handle the life of the application.

LE019 is also available with thermostat for quick installation.

When using LE019 in 19" cabinet

When using fan console without integrated thermostat, it is recommended to use ex. thermostat ZR011 for controlling the temperature of the application, while also giving the possibility of a signal if necessary. overheating in case of fan failure.

Connect the dual thermostat (ZR011) so that the "fan control" controls the operation of the fan console and the "heater" so that it gives signal when the heat exceeds the desired setpoint. You get an early signal that the heat is too high in the application, and can then check the situation before it's too late.

When using a fan console with integrated thermostat, the use of an additional thermostat (eg KTS011) gives the extra security by activating a signal if necessary. overheating in case of fan failure.

Other voltages are available on request.

Compact high performance fan tray designed for cooling air circulation in switch and server type 19" rack enclosures. Natural convection is improved and the formation of localised hot pockets is avoided. Also available with integrated thermostat.

When using in highly populated in 19" enclosures: We recommend using the fan tray without integrated thermostat in combination with our dual thermostat (ZR 011 - 01176.0-00) for regulating temperature in electronic enclosures and for protection against over-heating due to possible fan failure. The dual thermostat regulates the operation of the fan tray and – when connected to a signal device – also triggers an early warning if the enclosure interior temperature rises above a set limit. When using a fan tray with integrated thermostat, the use of an additional thermostat (KTS 011- 01147.9-00) provides the extra safety of activating a signal device.

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TECHNICAL DATA

GENERAL DATA

Air capacity	486 m ³ /h
Air volume free blowing	486 m ³ /h
Number of fans	3
Sound level	55 dB

DIMENSIONS

Width	430 mm
Height	43.6 mm
Depth	208 mm
Behind panel depth	208 mm
Weight	3 kg

MATERIALS

Materials fan	Aluminium
Material of rotor	Plastic

RATED OPERATING CONDITIONS

Voltage max	230 V ac
Voltage min	230 V ac
Frequency	50 Hz
Power consumption	45 W
Life span	50 000 h @ +25 °C (+77 °F) 65 % RH
Storage temperature	-40°C ... +70°C
Operational temperature	-10°C ... +60°C
Operating humidity	< 90% RH
Humidity storage	<90% RH

SAFETY AND APPROVALS

IP class	IP20
Approvals	CE, cULus, EAC, RoHS, UL, UL E234324
Protection class	I (earthed)
Material of body	Galvanized sheet metal
Material front frame	Aluminium

