

FILTER FAN - SIZE 4

FF 018 | 01803.0-00



Size 4 filter fan for optimum ventilation of enclosures and casings with electrical/electronic installations. The supply of filtered, cold ambient air and the removal of heated internal air reduces the internal temperature. The resulting air flow prevents the formation of hot pockets and protects the components from overheating. The axial fan ensures a high air through-flow rate. This filter fan series is intended for indoor use. The plastic used for the hood material is highly UV light resistant.

- High air through-flow rate
- Functional design
- Time-saving installation
- UV light resistant



OVERVIEW TECHNICAL DATA

Device type	Filter fan
Protection class	I
Protection type	IP54
Material hood	Plastic to UL94 V-0, light gray
Filter material	Plastic fibre with progressive structure
Filter mat	G4
Casing	UL94 V-0 plastic, light gray
AC/DC	AC
Operating voltage	230 V
Frequency	50 Hz
Power consumption	68 W
Axial fan	Fan body aluminium, rotor plastic
Cooling airflow rate outlet filter	230 m ³ /h
Cooling airflow rate blowing	300 m ³ /h
Average emission sound pressure level	56 dB(A)
Service life	>50000 h
Operating temperature	-10 °C - 70 °C
Operating humidity	≤90 % RH
Storage humidity	≤90 % RH
Storage temperature	-40 °C - 70 °C
Torque	0,8 Nm max.
Connection	3-pole clamp 2.5 mm ²
Drill hole spacing	263 mm
Height	284 mm
Width	284 mm

Depth	110 mm
Installation depth	65 mm
Weight	3300 g
Mounting cut-out	250 x 250 mm
Item number accessories 1	08603.0-00
Item number accessories 2	11803.0-00
Accessory 1	Replacement filter mat FM 086 (3 pcs.)
Accessory 2	Exit filter EF 118

EXIT FILTER - SIZE 4

Article number	Filter mat
11803.0-00	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %

TECHNICAL DRAWINGS

