



STEGO FPO 018 Filter Fan Plus DC Line User Guide

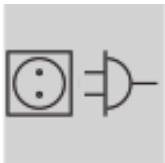
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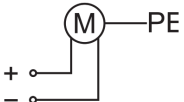
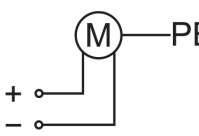
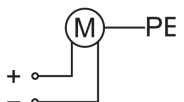
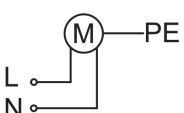
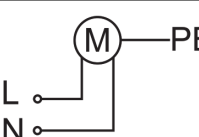
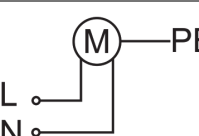
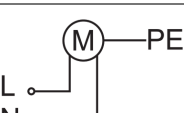
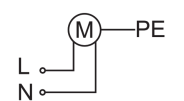
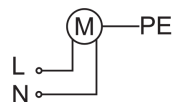
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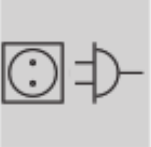
FPO 018 Filter Fan Plus DC Line

FPUFPO 018...			
Type X=718			□a+1

018×0.0	AC 230V 50/60Hz	12W		-40 ... 70°C -40...158°F	92×92
018×0.9	AC 115V 50/60Hz	11W		-40 ... 70°C -40...158°F	
018×0.1	DC 48V	3W		-20 ... 70°C -4 ... 158°F	
018×0.2	DC 24V	2,7W		-20 ... 70°C -4 ... 158°F	
018×0.3	DC 12V	2,6W		-20 ... 70°C -4 ... 158°F	
01870.3-34	DC 12V	2,88W (max. 3,6W)		-10 ... 70°C 14 ... 158°F	124×124
018×1.0	AC 230V 50/60Hz	19W		-40 ... 70°C -40... 158°F	
018×1.9	AC 115V 50/60Hz	18W		-40 ... 70°C -40 ... 158°F	
018×1.1	DC 48V	4,2W		-20 ... 70°C 158°F	
018×1.2	DC 24V	4,5W		-20 ... 70°C -4 ... 158°F	
018×1.3	DC 12V	4,5W		-20 ... 70°C -4 . 158°F	
018×2.0	AC 230V 50/60Hz	45W		-25 ... 50/70°C -13 ... 122/158°F	
018×2.9	AC 115V 50/60Hz	38W		-25 ... 50/70°C -13 ... 122/158°F	

018×2.1	DC 48V	12W		-25 ... 70°C -13... 158°F	176×176
018×2.2	DC 24V	12W		-25 ... 70°C -13... 158°F	
018×2.3	DC 12V	12W		-25 ... 70°C -13... 158°F	
018×3.0	AC 230V 50/60Hz	64W		-25 ... 65°C -13... 149°F	223×223
018×3.9	AC 115V 50/60Hz	81W		-25 ... 55/70°C -13 ... 131/158°F	
018×4.0	AC 230V 50/60Hz	95W		-25 ... 55/35°C -13 ... 131/95°F	291 x291
018X4.0-31	AC 230V 50/60Hz	125W		-25 ... 55/50°C -13 ... 131/122°F	
018×4.9	AC 115V 50/60Hz	90W		-25 ... 75/60°C -13 ... 167/140°F	
018X4.9-31	AC 115V	165W		-25 ... 50/50°C -13 ... 122/122°F	

	 WARNING
	There is a risk of personal injury and equipment damage if the connection values are not observed or polarity is incorrect!

	AC 230V 50/60Hz AC 115V 50/60Hz DC 12/24/48V
	12 ... 810m³/h*
	max. 90%rH
	-40 ... +70°C* (+40 ... +158°F)
	0.6 – 3.6kg



APPLICATION

Filter ventilators are used to cool stationary locked switching cabinets of protection class I. This is performed via the direct supply of ambient air, the temperature of which must remain below the permissible interior temperature of the switching cabinet. The device is suitable for indoor use only.

Safety instructions

- The installation may only be performed by qualified electricians in compliance with the nationally-applicable power supply guidelines (IEC 60364).
- The protective measures in accordance with VDE 0100 must be ensured.
- The device must be connected to the main supply via an all-pole separator (with a contact distance of min. 3 mm when deactivated).
- The technical specifications on the type plate must be observed.
- Caution: Strong soiling of the filter mat will impair the refrigeration.

Installation instructions

Installation is to be performed in accordance with the installation drawing. The ventilator is inserted in the pre-prepared installation cut-out and fixed with turning bolts. Ensure that the turning bolts lock in correctly so as to ensure secure purchase. Check that the ventilator frame fits on all sides after fitting. The operator is to ensure that the application is without leaks, as the type and material of the switching cabinet varies between applications. If required, the frame can also be fixed with the screws included in the scope of delivery. The turning bolts can be opened using a slotted screwdriver.

Function

The filter ventilator is supplied with a standard filter mat. We recommend the use of fine filter mats with dust with a grain size $< 10 \mu\text{m}$. The cooling function is only guaranteed using an exit filter (optionally with an axial ventilator)

Maintenance

Monitor the degree of soiling of the filter mat. If required, replace, blow out or beat the filter mat clean. To this end, the hood is

opened. This is secured via an engagement hook.

Accessories

- Exit filter
- Temperature regulator

Notice

The manufacturer accepts no liability in the case of failure to observe this brief instruction, improper use, and changes or damage to the device.

Type FPI/FPO 018

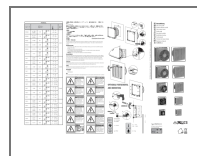
Zum späteren Gebrauch aufbewahren. Store for use at a later date.

STEGO Elektrotechnik GmbH – Kolpingstrasse 21 – 74523 Schwaebisch Hall Germany

www.stego.de



Documents / Resources



[STEGO FPO 018 Filter Fan Plus DC Line](#) [pdf] User Guide

FPI, FPO 018, Filter Fan Plus DC Line, FPO 018 Filter Fan Plus DC Line, Fan Plus DC Line, Plus DC Line, DC Line