



FUNKEN
Kunststoffanlagen

OPERATING CAPACITOR

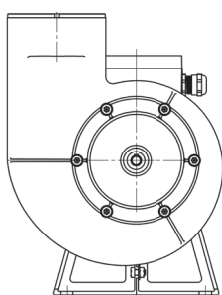
General information

- Made
- in
- Germany

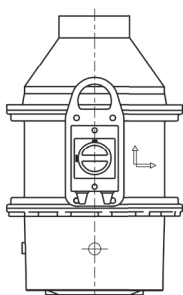
GENERAL INFORMATION

The operating capacitor is used to connect the drive motors of the fans listed below to the AC grid 1x230V-50Hz. The capacitor comes with an external cable and M4 contact eyelets and is suitable for ambient temperatures of up to 40 °C.

A version certified for outdoor use is also available.



- For fans up to 0.18 kW
- FRv 075
- FRv 110
- FRv 110+
- FDv(F) 110+
- FDv(F) 125
- FDv(F) 140



PREPARING THE FAN

The motor's terminal box cover is provided with a screw connection for the cable:

- Black: Connection cable 6–10 mm

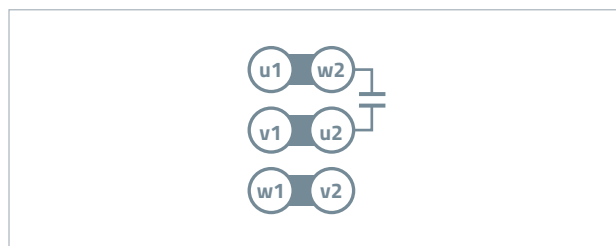
If an operating capacitor/PTC is to be installed, Funken can attach a second screw connection:

- Black: Option for operating capacitor \varnothing 3–7 mm
- Black: Option for thermal contact (PTC) \varnothing 3–7 mm

Note: The white screw connections are sealed with a gasket. These gaskets must be removed prior to installing the capacitor or connecting the PTC.

Electric connections must be installed by certified electricians only!

The connection cable of the capacitor is passed through one of the black screw connections. The contact eyelets are clamped to the intended clamps W2 and U2 – see connection diagram.



Connection to the grid is established according to the diagram, at clamps V1 and W1. After closing the cover, the capacitor is attached to the motor housing at the side across from the cable duct.

For this purpose, please first attach the enclosed punched bracket to the motor with the screws (M3) (please use the washers). The capacitor may now be placed against the punched bracket and attached by pulling the cable binders tight.

The protruding ends of the cable binders are removed with a wire cutter.

