



Brakel® Wind and rain detection panels



WRZ 10 M / 1 G



WRZ 40 M / 4 G

For controlling 230 VAC ventilation drives and wind / rain detectors

Ventilation control panel to control a max. 40 x 230 VAC ventilation drives with a total power consumption of 8 A, spread over 4 motor groups. There are connections for ventilation buttons, as well as wind and rain detector. Wind and rain detection panels are available in versions 10 M / 1 G * and 40 M / 4 G* and can be connected either up to 10 drives in a group or a maximum of 40 drives in up to 4 groups.

Advantages / Features

- Connection for up to two wind/rain detectors WRM/2 24 V or up to two rain detectors RM/2 24 V
- Automatic closing of windows, hinged windows and dome lights in conjunction with 230 VAC drives after a wind-rain message
- 4 potential-free relay contacts for multiplication and forwarding a wind-rain signal
- Time-dependent routing of the wind/rain signal, configurable via DIP switches
- Time-dependent supply of the drive output "CLOSED" (ventilation release despite wind/rain signal) configurable via DIP-switch
- Cascading of several WRZ 10 M / 1 G for signal reproduction is possible, with the WRZ 40 M / 4 G a maximum of 4 pieces are cascable
- Status messages via visual display
- Displays the trigger of the respective detectors, separated according to wind and rain

Applications

- 230 VAC ventilation drives and wind/rain detector.

Material

- Plastic housing for surface mounting, gray.

*M = Motor, G = Group

Technical specifications

Electrical Properties

Primary power supply

Mains supply voltage	230 VAC, ($\pm 10\%$), separately fused
Power consumption	Max. 465 W (per ventilation group)
Power consumption (standby)	depending on the connected components
Connection terminal	spring-loaded terminal max. 2.5 mm ²

Mechanical properties

Dimensions (H x W x D)	10 M / 1 G : 125 x 125 x 60 mm 40 M / 4 G : 160 x 250 x 90 mm
Weight	10 M / 1 G : around 0,34 kg 40 M / 4 G : around 1 kg

Installation and ambient conditions

Nominal temperature	20 °C
Ambient temperature	10 M / 1 G : 0 °C to + 50 °C 40 M / 4 G : - 5 °C to + 40 °C
Degree of protection	10 M / 1 G : IP 66 40 M / 4 G : IP 54

