

# Glazing systems

## Accessories

### Screen washer

#### Suitable for all VETUS wiper types

This screen washer is fed by a pressurised, fresh water system. The screen washer comes with a hose, solenoid valve (12 or 24 VDC) and switch, hose pillars, spray nozzles and skin fittings and is easy to install.

Type	Description	Voltage (DC)
HDS12B	Screen washer kit	12
HDS24B	Screen washer kit	24
HDSXTB	Extension screen washer kit for additional windscreens	

**HDS**



### Type WPANEL

#### Completely pre-wired motor wipe panel for up to five windscreens wipers

Type WPANEL can control up to five wiper motors to run synchronously at high or low speed. Each wiper motor is individually switched, so you can select which wipers are operational. They also feature a combination switch for screen wash/wipe activation, speed selection and interval wipe delay. The wiper motors to be connected must have a two speed motor and an automatic parking position. It is optional to connect up to three MARBO (1 x MARBO and 2 x MARBO2) rain sensors to the control unit. The rain sensor function can be activated by the supplied switch panel and can activate all connected wipers simultaneously.

#### Type WPANEL is supplied with

- One control unit with electronic overload protection (can be DIN rail mounted)
- Five wiper motor switches
- One combined switch for wash/wipe and speed selection
- One mounting plate with room for six switches and two blind plates

#### Specifications

- Available for 12 or 24 VDC supply
- Power consumption in stand-by mode approx. 10 mA
- Maximum power per wiper motor 120 W
- Internal fuses 10 A each wiper motor, 5 A for screen wash pump or solenoid valve
- Dimensions control panel 49 x 24 x 37,5 mm, control unit 159 x 90 x 58 mm

Type	Description
WPANEL	Windscreen wiper control panel for up to five wipers, 12/24 VDC, incl. switches

**WPANEL**



### Automatic rain-sensor for wiper activation

(Not suitable for double glass)

Type	Description
MARBO	Rain sensor incl. switch, suitable for WPANEL
MARBO2	Additional rain sensor, suitable for WPANEL/RWPANEL2



**MARBO**

**MARBO2**

### Type RWPANEL

#### Control panel for up to three windscreens wipers

This panel will control up to three switched windscreens wipers synchronously and also activate a screen wash system. The wipers can be set to run at high or low speed at one of five interval wipes and will self-park when they are switched off. It is possible to connect up to three rain sensors (type MARBO2) for automatic operation of the wipers.

#### Specifications

- Panel is suitable for 12 or 24 VDC supply
- Dimensions control panel 85 x 85 mm, control unit 159 x 90 x 58 mm
- Built-in depth 40 mm

Type	Description
RWPANEL2	Windscreen wiper control panel for up to three wipers, 12/24 VDC, incl. control panel



**RWPANEL2**