



**HEPWORTH MARINE**  
INTERNATIONAL

# SERIES 8000 Wiper Controller

AN INTEGRATED SOLUTION FOR WINDOW WIPERS,  
HEATED WINDOW CONTROL & WASH/PURGE FUNCTIONS

- Small size control panel – even for large complex wiper systems
- Individual and group control features with user definable settings
- Multi-speed operation, variable intermittent functions, self-parking
- Synchronised control during intermittent operation
- Variable intermittent with programmable timings
- Separate control of wiper de-icing heaters, heated windows and wash wipe / air purge functions
- Plug and play connectivity that is easy to install, saving time and money
- Uses modular components - making system expansion easy
- Illuminated control panel with dimming facility



... WIPER SYSTEMS FOR ALL SIZES OF VESSEL





## FLEXIBILITY

An integrated solution for window wipers, heated window control and wash/purge functions. Designed to meet your ever-increasing requirements whilst complying with the latest rules and regulations, the 8000 Series also offers a significant saving on electrical cabling and installation.

The 8000 Series Window Wiper Control System is an integrated solution for window wipers, heated window control and wash/purge functions. If the system is required to control additional equipment, please contact us.

## SERIES 8000 COMPONENTS

### 1) Keypads

The keypads are touch sensitive and are available in a wide variety of button configurations.

The touch keypad is constructed with a clear recessed plastic molding, allowing the PCB to be completely covered. This prevents the ingress of moisture, dirt or water (IP 66).

- Uses internationally recognized symbols
- Keypad can be fully dimmed to "0" - (dims to black)
- The intermittent and wash function can be programmed from the keypad
- Gives perfect visibility - day and night



### 2) 19" Racks

The modules can be delivered in racks, ideal for larger systems.

The maximum amount of modules per rack is 8, and the maximum amount of racks per cabinet is 6 (giving control for 48 wipers in total)

System advantages:

- No separate 24VDC required: Internally generated.
- Bus wiring - factory pre-wired
- Easy to service
- LED status indicators for easy commissioning and fault-finding
- 4 additional outputs per module for wash, purge, wiper heater and window heater
- Group selection switch per module in the front plate. Offers the option to change the groups even after installation is finished and allows for adding extra wipers
- Current and temperature monitoring
- Reduced chance of incorrect wiring
- Complete system stored in a compact and safe cabinet.
- Only one power input for every 4 wipers and heaters greatly reducing installation costs and time.

*And the biggest advantage of all...*

- Due to the special bus wiring and therefore the significant reduction in the installation work required, the shipyard can greatly reduce its installation costs.



### 3) Individual modules per wiper

The 8000 PCB module is mounted in a robust metal enclosure, to offer the most effective form of immunity from EM/ESD sources.

- The connectors are high quality snap lock "finger safe connectors".
- No need for an extra box with cable gland when mounted in a location with easy access.

If individual modules are required, specific bus wiring will need to be installed by the shipyard.



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HEATED WINDOW  
CONTROL &  
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Keypad options:

- Standard Touch Sensitive
- Touch Screen
- Customised Keypad



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