



HEPWORTH MARINE
I N T E R N A T I O N A L

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





HEPworth MARINE
INTERNATIONAL

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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