CANbus

Marine Window Wiping Control System

scanwipers®

CANbus Control System is based upon **NMEA 2000,** a combined electrical and data specification for a marine data network for communication between marine electronic devices. It is defined and controlled by the US based National Marine Electronics Association (NMEA). NMEA 2000 connects devices using Controller Area Network (CanBus) technology originally developed for the automotive industry.

NMEA 2000 is based on the SAE J1939 high-level protocol, but defines its own messages. Messages are defined within the constraints of J1939/NMEA2000 for switching on/off wipers, wash devices (wash and purge solenoids, wash pumps), heaters (wiper arm and screen), and sunscreens.

Window functions may be sectored so that individual or multiple Keypads operate these Sectors, with up to 9 Sectors being controlled from a Keypad. As many Keypads as required can be added directly to the data bus, and any Keypad can be used at any time to control the system. No additional Override or Take Command switches are required.

The system is capable of up to 9 wipe speeds rather than the two that most systems provide.

scanwipers® Is the proprietary name of a CANbus Control System based on an industry standard ship communications system that allows control from central or distributed control panels.

This includes control of Wipers, Wiper Heaters, Window Heaters, Electric Window Sunscreens, Wash Solenoids and Air Purge Solenoids.

This bus architecture is owned and registered by **Scanwipers.**

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Control Unit

Individual and Group Control

Automatic self parking

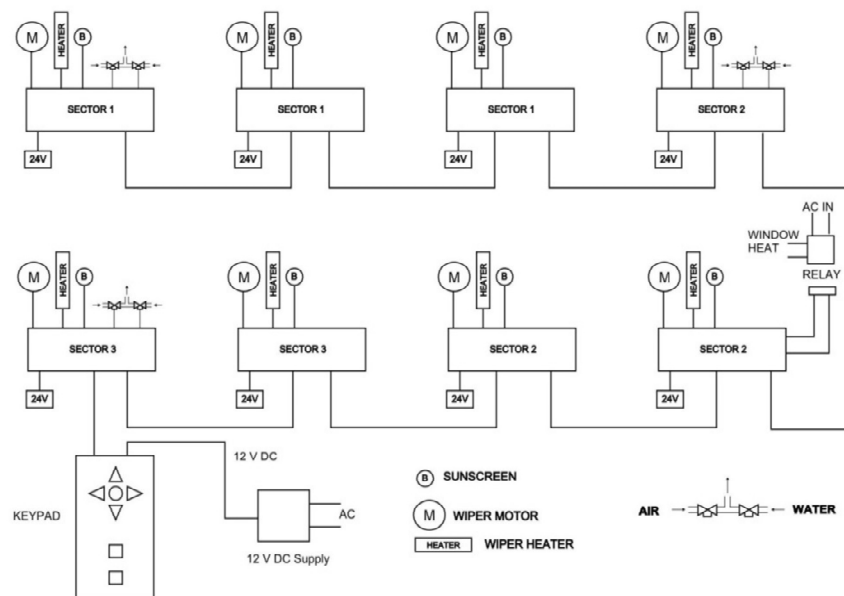Fast and low speed operation

Sectoned Synchronisation

Group heater switch

Wash-Wipe / Air purge option

Different types of wipers, controlled by one system.

Simple Control of large system

A 24V DC Power Supply is required to provide power for wiper motor, heater, sunscreens and wash solenoids. Each Control Module has a 24v power supply input.

Dealer:

scanwipers®