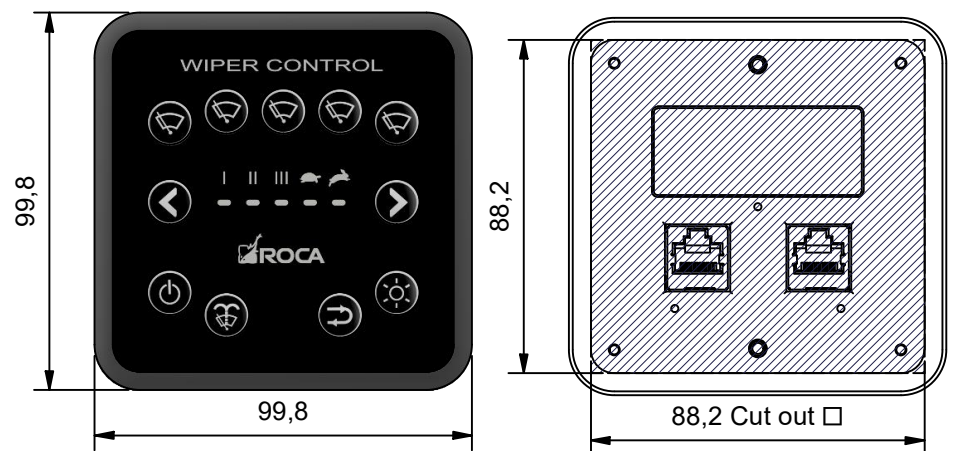




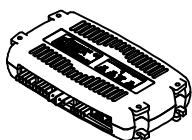
532232 532233 532234 532235



The manufacturer declare that the wiper control series is in conformity at requisition of electromagnetic compatibility and of security with directives 73/23/EEC, 89/336/EEC, 92/31/EEC and 93/68/EEC and 93/97/EEC and EN 60945 directives.

Fits wiper controls:

532212
532213
532214
532215



Limited warranty

- » ROCA warrants the wiper control to be free from defective material and workmanship for a period of 3 years from the date of purchase.
- » This warranty does not apply to failure or damage caused by improper installation, misuse, lightning strike or damage from a power surge.
- » If failure occurs during this period, return it to your dealer for repair or replacement.

250911/KH

532232-35 | Panel for Wiper control Installation Instructions

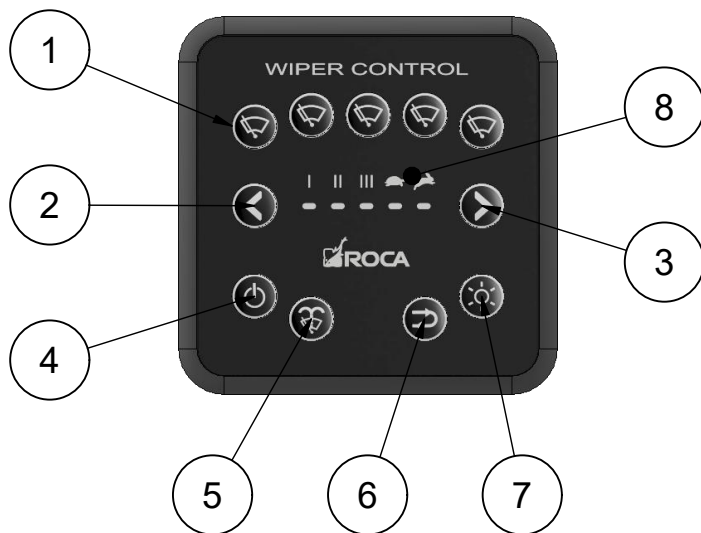
Before installation please read these instructions.



- Front panel IP65
- Can bus network
- Activates/deactivates each wiper one by one
- Synchronization in each selected mode
- 3 levels of intermittent
- Wipe/wash program
- Cable included between control and panel
- Mounting hardware included



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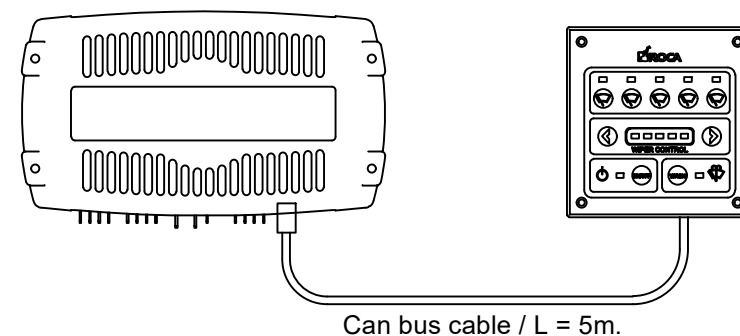


Push button functions and signalings

1. Single wiper ON/OFF button
2. Decrease speed / increase delay in intermittent mode
3. Increase speed / decrease intermittent delay
4. General ON/OFF button
5. Wash button
6. Wash cycle button
7. Illumination level

Operating mode

Selected mode, pos. 5	Waiting time	Mode
All LEDs off	-	Stand-by
1 LED on	8 Sec.	Intermittent
2 LED on	4 sec.	Intermittent
3 LED on	2 sec.	Intermittent
4 LED on	-	Continuous - Slow
All LED on	-	Continuous - Fast



Wipe / Wash program

By pressing the wash button, washing program will start.

	3 sec.		3 sec.		4 sec.	
===	Spray	=====	Spray	=====		
		=====	Wipe	=====	Wipe	===

To increase wash timing and spray / wipe time, keep pressed the wash button.
After wipe/wash cycle, wipers will return to operate in the previous selected mode.

Failures and signaling

Wiper fault:

A flashing of a wiper led indicates that control detects an error on a wiper.

This may happen if:

- the parking switch is unconnected or damaged
- the motor doesn't run (internal self-resetting fuse in protection, motor unconnected or damaged)
- the motor doesn't run in FAST or in SLOW speed
- the motor can't be synchronized
- the motor connectors have been inserted after supplying power.

Communication error:

A shifting effect of the mode bar led indicates that control panel can't communicate with the relay box; this may happen if the flat cable is damaged / improperly connected or if there are problem with can bus terminations.