

Comparative table for the functions of the control units BIOS2 and BIOS2 ECO

This table shows only the differences between the two control units. For a full description and the common features, please refer to the instruction manuals.

	BIOS2 (cod. 12006515)	BIOS2 ECO (cod. 12006531)
COURTESY LIGHT and ELECTRICAL LOCK outputs	There are 2 dedicated outputs with the power supply (12Vac 15VA for the electrical lock, 230Vac 100W for the courtesy light). Possibility to connect, by a guided coupling, the optional R1 card for the command of the electrical lock (NO dry contact 230Vac 5A, 30Vdc 5A).	R2 optional card is necessary, connectable to the control unit with a guided coupling (2 NO dry contacts 230Vac 5A, 30Vdc 5A).
Accessories' power supply	24Vac (max 9W) and 24Vdc (max 3,5W)	Only 24Vdc (max 6W)
Dedicated input for the SAFETY EDGE. Possibility to select the type of the safety edge, mechanical with NC contact or resistive 8k2 (menu <i>Ed.r.</i>), and the modality of functioning (only in closing with total inversion of movement or both directions of movements, stop and short inversion to free the obstacle, menu <i>.E.d.</i>).	Present	Not present
Predisposition for the Bluetooth application (first coupling between the devices through menu <i>Sl .d.</i>).	YES	NO
Current sensor for obstacles detection.	Present	Not present
Self diagnosis of the safety devices (24Vdc): enabling for the test of the photocells (menu <i>EP.h.</i>) and for the safety edge (menu <i>EE.d.</i>)	Present	Not present
Other functions: - adjusting of the obstacle sensitivity (menu <i>SEI</i>); - selection of the functioning after a black-out (menu <i>bLE</i>); - managing of an electronic brake (menu <i>ELF</i>); - selection of the functioning of the CLOSING PHOTOCELLS (PHOTO1) moving from closed position (menu <i>SPh</i>); - selection of the functioning of the OPENING PHOTOCELLS (PHOTO2, menu <i>Ph.2.</i>); - adjusting of the reclosing time after a PARTIAL OPENING (menu <i>EP.L.</i>); - output setting for the flashing light: fixed light or flashing light (menu <i>FP.r.</i>); - setting of the number of cycles for the request of assistance (menu <i>SE.r.</i>): once the limit is reached, the next cycles will be done with fast blinking; - blinking enabled for the request of assistance (menu <i>SE.F.</i>): this function allows that the flashing light will blink also with the gate closed to show the request.	Present	Not present
Setting of the COURTESY LIGHT (menu <i>FE.Y.</i>).	5 settings: - the light switches off at the end of a movement after a set time (menu <i>EE.Y.</i>); - the light switches off only with closed gate after a set time (menu <i>EE.Y.</i>); - lighted on for a set time from the beginning of a movement (menu <i>EE.Y.</i>), independently by the condition of the gate; - open gate light - the light switches off immediately when the gate reaches the closed position; - open gate light with proportional blinking according to the position of the gate.	2 settings: - the light switches off at the end of a movement after a set time (menu <i>EE.Y.</i>); - open gate light - the light switches off immediately when the gate reaches the closed position.