



V2 Easy-Top

The functions of and times of the control unit are programmed via the configuration menu, which can be accessed and explored using the 2 MENU and SEL keys.

- To access the programming menu, press the MENU key until the display shows in 1
- To change the value of this parameter, press the MENU key: the display shows the currently set value (on / off)
- Select the desired value with the SEL key and press the MENU button to save the new value: the display shows in 1 again
- Press the SEL key to select the other parameters to be changed

Using the MENU and SEL keys to select and change the required parameters: in the following pages there is a table with all programming parameters, values selected, DEFAULT values set and a brief description of the function

To exit the programming menu, press the MENU key until the display shows the control panel. If no button is pressed for 30 seconds, the control unit exits programming mode and stores the new parameters.

To load default data, when the control unit is NOT in programming mode, press the MENU and SEL keys simultaneously until the display shows dEF. With the SEL key, select the default that you want to load and press MENU to confirm.

NOTE: the control unit is supplied with the dEF1 configuration set

INPUTS						
DISPLAY	off	on	dEF1	dEF2	dEF3	dEF4
in 1	PHOTOCELL ACTIVE ONLY DURING CLOSING The intervention of the photocell during the opening stage is ignored. The intervention of the photocell during the closing stage causes the shutter to reopen.	PHOTOCELL ACTIVE DURING OPENING AND CLOSING The intervention of the photocell during the opening phase causes the motor to stop. When the photocell beam is released, the automation starts during opening for the work time set in parameter t d . The intervention of the photocell during the closing stage causes the shutter to reopen.	on	off	off	on
in 2	PHOTOCELL TEST INACTIVE The photocell operation test is not performed	PHOTOCELL TEST ACTIVE Each time the control unit receives an open or close command, the PHOTOCELL TEST verifies that the PHOTOCELL is operating correctly. If the test fails, the display shows - L5 -	off	off	off	off
in 3	MECHANICAL SAFETY EDGE The L6 input is configured to manage a mechanical safety edge	RESISTIVE RUBBER / OPTICAL SAFETY EDGE The L6 input is configured to manage a safety edge (resistive rubber / optical) with active operation test. If the test fails, the display shows - L6 -	off	on	off	off
in 4	FIRE FUNCTION The L7 input is configured to manage a fire alarm	ALARM FUNCTION The L7 input is configured to manage an anti-theft command	off	off	off	off
in 5	EDGE / FIRE FUNCTION The L6 input is configured to manage a safety edge The L7 input is configured to manage an alarm	LIMIT SWITCH FUNCTION The L6 input is configured to manage an opening limit switch The L6 input is configured to manage a closing limit switch NOTE: If in 5 is set on the settings of the in 3 and in 4 functions, they are not considered	off	off	off	off
in 6	DISABLING OF THE SAFETY EDGE WHILE CLOSING Function off	DISABLING OF THE SAFETY EDGE WHILE CLOSING In case of irregular floors, you might have to disable the safety edge on the last closing section of the door (max. 5cm) to prevent any unwanted enabling of the edge. <u>To set the point at which to disable the edge, follow the procedure on page 20.</u>	off	off	off	off

OUTPUTS							
DISPLAY	oFF	on	dEF1	dEF2	dEF3	dEF4	
ou 1	FLASHING LIGHT Output (E1 - E2) is on intermittently (2 Hz) during opening and closing and during pause mode, if automatic reclosing is active	COURTESY LIGHT The output (E1 - E2) is on and fixed during opening, pause and closure. Having completed the operating cycle, the light remains on for the COURTESY LIGHT OFF DELAY time	oFF	on	on	on	
ou 2	END OF CYCLE NON-ACTIVE SIGNAL At the end of the operating cycle, the control unit sends no signal	END OF CYCLE ACTIVE SIGNAL At the end of the operating cycle, the control unit sends a signal to the WES sensors to activate ENERGY SAVING mode	oFF	on	oFF	oFF	

DISPLAY	oFF	on	dEF1	dEF2	dEF3	dEF4
Lo 1	START/STOP LOGIC The START/UP input controls the STEP or AUTOMATIC operational cycle based on the programmed operational logic. The DOWN input is inactive	UP/DOWN LOGIC The START/UP input always controls opening and the DOWN input always controls closing, independently of the operational logic programmed. UP + DOWN when pressed simultaneously is the same as a STOP command	oFF	on	on	on
Lo 2	START INACTIVE WHILE OPENING During opening, the START command is ignored	START ACTIVE WHILE OPENING During opening, the START command interrupts opening (no timer is set for automatic re-closure)	on	on	on	on
Lo 3	STEP LOGIC The start command activates an OPEN-STOP-CLOSE-STOP-OPEN operational cycle	AUTOMATIC LOGIC The start command activates an OPEN-PAUSE-CLOSE-STOP operational cycle. Closure starts automatically after the pause time set	oFF	oFF	oFF	oFF
Lo 4	DEAD MAN LOGIC INACTIVE By simply using the start command, the user can activate the automation device in opening or closing. The maximum duration of opening or closing depends on the operating time set	DEAD MAN LOGIC ACTIVE The user must press and hold the start button for the entire duration of the desired opening or closing procedure. The maximum duration of opening or closing depends on the operating time set. DEAD MAN logic may be implemented with both Start/Stop and Up/Down logic. The STOP command interrupts the operational cycle, independently of the status of the control inputs. Hence, if the UP or DOWN button is pressed, the action of STOP is to stop motion, and on its release the motor DOES NOT MOVE UNTIL THE UP or DOWN INPUT IS RELEASED AND PRESSED ONCE MORE PLEASE NOTE: when the Man-Present function is enabled, radio-controlled operation is disabled. To activate via radio, set the parameter Lo 7 = on	oFF	oFF	on	oFF

OPERATING LOGIC						
DISPLAY	oFF	on	dEF1	dEF2	dEF3	dEF4
L0 5	TIMER FUNCTION Each time the timer closes the contact L1-L3, the automation starts during opening and remains paused until the contact is released.	EMERGENCY DEAD-MAN FUNCTION If a command is rejected due to an active safety switch, you can activate the man mode on the emergency switch (page 14) to move the shutter. When the command is suspended, the control unit returns to the mode set. This way, it is possible to move the shutter when there is evidence of a fault on a safety.	oFF	on	oFF	oFF
L0 6	THE INTERVENTION OF THE SAFETY EDGE DOES NOT DISABLE AUTOMATIC CLOSING	THE INTERVENTION OF THE SAFETY DISABLES AUTOMATIC CLOSING	on	oFF	oFF	on
L0 7	DEAD MAN LOGIC FROM BUTTON The dead-man logic can only be activated via buttons (terminal board and push button panel).	DEAD MAN LOGIC FROM BUTTON AND FROM THE TRANSMITTER The dead-man logic can be activated via buttons (terminal board and push button panel) and from the transmitter.	oFF	oFF	on	oFF
L0 8	DEAD MAN LOGIC ACTIVATED DURING OPENING AND CLOSING	DEAD MAN LOGIC ACTIVATED ONLY DURING CLOSING	oFF	oFF	on	oFF
L0 9	PRE-FLASHING DISABLED	PRE-FLASHING ENABLED The pre-flashing time depends on the settings made for parameter L0 10	oFF	on	oFF	oFF
L0 10	PRE-FLASHING TIME Before activating the motor during opening, the indicator flashes for 1 second. Before activating the motor during closing, the indicator flashes for 3 seconds.	PRE-FLASHING TIME Before activating the motor during opening & closing, the indicator flashes for 3 seconds.	oFF	on	oFF	oFF

WORKING TIMES						
DISPLAY	FUNCTION	AVAILABLE VALUES	dEF1	dEF2	dEF3	dEF4
E1 1	WORK TIME	7" - 10" - 15" - 20" - 30" - 45" - 60" 75" - 90" - 120"	20"	30"	30"	20"
E1 2	PAUSE TIME	10" - 15" - 20" - 30" - 45" - 60" 90" - 120" - 180" - 250"	30"	15"	15"	30"
E1 3	DELAYED TURNING OFF OF THE COURTESY LIGHTS	3" - 5" - 10" - 20" - 30" - 1'00" 2'00" - 5'00" - 10'0" - 20'0"	3"	3"	2'00"	2'00"

DISABLING OF THE SAFETY EDGE WHILE CLOSING:

Procedure for setting the edge disabling point

1. Enter the programming mode by holding the MENU key and selecting the item In6 using the key SEL.
2. Set the parameter to on.
3. Make any other necessary settings and then exit the programming mode.
4. Bring the door to fully open position using the remote control or the button connected to terminal L1.
5. Place a solid object (maximum height 5 cm) under the door so as to activate the safety edge in the last section of the lowering phase.
6. Enable door closing (you can use the Start/Down control, depending on parameter Lo1); the door hits the obstacle and starts opening again.