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Cancelli ad Alzata Verticale - Vertically Opening Gates
Vertikal Öffnendes Einfahrtstor - Portail à Elévation Verticale

SETTING PARAMETERE ELECTRICAL CONTROL BOARD (ECB)

Entering Code: 1098

Date: 09/05/2018

Serial Number :	Version (Residential/Industrial): **3.x R**	Customer name:

Parameter	Description	Remarks	Set Value
T 01	Stopping Position for opening of the H.B.	H.B. = Heavy barrier = Gate Avantgate	**60**
T02	Stopping Position for opening of the L.B.	L.B. = Light barrier. Could be the fast barrier or the gate Avantgates There are two cases: 1. Single Avantgate: - Without fast barrier coupled →T02 = 0 - With fast barrier → T02 = 1 2. Double Avantgates (2 Avantgates). - If you have a single ECB for the 2 gates , the gate that have no ECB became light barrier so for him you must put T02 → 1 -If The two gates have a fast barrier combined (both or just one), you must have two ECB and both must haveT02 = 1. If you do not have barriers fastest combined time T02 = 0.	**0**
T 07	Pause Time for H.B.	Value that must be set only if you put the parameter S01 in 2 (Automatic) or 4 (Step-by-Step with automatic closing) . It's the time that the client wants the gate remains open before closing	
T 09	Time of pre-lighting in opening	**T 09 = T10**	**0,5**
T 10	Tome of pre-lighting in closing	**T10 = T 09**	**0,5**
T12	Researching time swichlimit		**40**
T15	Delaying time stopping motor H.B after limit switch Open (Fca)	Are parameters that we use for the perfect adjustment of the gate in addition to the initial manual adjustment of the limit switch open.	**5**
T16	Delaying time stopping motor H.B after limit switch Close (Fcc)	Are parameters that we use for the perfect adjustment of the gate in addition to the initial manual adjustment of the limit switch close.	**5**
L01	Minimum speed gate/H.B opening	The speed should be related to the frequency of the motor.	**10**
L02	Minimum speed gate/H.B closing	The speed should be related to the frequency of the motor.	**10**
L03	Maximum speed gate/H.B opening	It depends on the length and the weight of the gate. Greater is the weight of the gate (opening pressure) minor must be the maximum speed in opening.	**70**
L04	Maximum speed gate/H.B closing	It is always about 10 seconds less of L03 because when the gate falls down its strives less the motor.	**75**

L05	Acceleration H.B opening		**3**
L06	Acceleration H.B closing		**3**
L09	Maximum absorption of the motor to STOP		**15**
L10	Maximum absorption of the motor for a problem		**15,5**
S 01	**LOGIC OF GATE / HB** 1 - Quick Inversion 2 - Automatic 3 - Step-by-Step 4 - Step-by-Step with automatic closing	If you choose the logic 2 (Automatic) or 4 (Step-by-Step with automatic closing) you must set also parameter T 07 (Pause Timing Gate).	
S 04	Photocells Gate / HB in opening		**1**
S06	Activation TEST in the safeties inputs		**1**
S 18	STOP Input	It should be activated only if there are commands like pulsantier or other external commands → (S18 = 1).	**0**
S 19	PHOTOCELLS GATE / HB Input		**1**
S 20	PHOTOCELLS TRAFFIC BARRIER / LB Input	It depends if the single gate Avantgates has a combined fast barrier or if it is double and has matched one or more fast barriers.	**0**
S 21	Reset Electrical control board to Default Setting (There aren't the parameters that have been listed here but are the default parameters that sets our supplier of ECB).	Performed the reset you have 2 options to get even these parameters: - Recall the function S28 (provided that fortuitously not been overwritten on the data we stored on S26) - set manually the parameters following this instructions	
S 25	SAFETY STOP PROFILE BAR (Contact Nr. 20)	Parameter that should be placed = 1 if the gate avantgates has safety bar.	**1**
S 26	Copy memory 1	It is the memory box where our technician saved the parameters here written. This parameter (or this function S26)should NOT be changed or overwritten.	**YES**
S 28	Recall memory 1	It serves to recall the data saved by our technical on function S26, without entering manually all the parameters here written.	
S 37	SAFETY BAR CONTACT	Parameter that should be placed = 1 if the gate avantgates has safety bar.	**1**
S 35	Code Entering	To put by our technician	**1098**
	Voltage Values [Volt]	Uphill	
		Downhill	
	Motor Amperometric Absorption in operating [A]	Measured value by current clamp while Avantgates working.	

N.B.It is emphasized that these values are not unique, but must be used for the specific case in question. Therefore may not be correct for other different versions. For further information the reader is referred to the reading of the electrical manual of our Electrical Control Board START S12. PLEASE IF YOU MADE MODIFICATIONS DO NOT MADE IT ON FUCTION S26!! S29 IS THE MEMORY ON WHICH OUR TECHNICIAN SAVED ALL CORRECT ELECTRICAL PARAMETERS!IF YOU DO NOT MODIFICATION ON S26 YOU COULD RECALL CORRECT PARAMETERS WITH FUNCTION S28. INSTEAD IF YOU MADE MODIFICATION ON S26, TOU COULD'T RECALL PARAMETERS SETTED BY OUR TECHNICAN AND YOU HAVE TO PUT IT MANUALLY (FOLLOWING THIS PAGES).