

New G03d microprocessor for Mindy A824 control unit

Discover the new features!



Nice is introducing the **new microprocessor G03d** for the **Mindy A824 control unit**, designed to **improve operation of Metroplex ME3024** and of the **corresponding model from the previous Metro series**, of underground retracting installation motors for automating swing gates.

The **“discharge” function** of the new G03d microprocessor involves briefly inverting both motors subsequent to complete closure of the leafs so as to lighten the potential load surplus that the motors may transmit to the leafs.

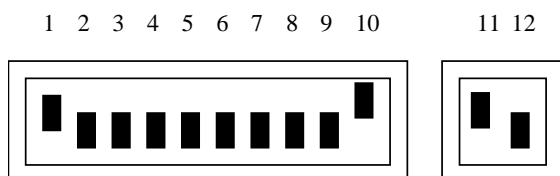
After completing the “automatic positions search for motors ME3024” procedure, you can set the dip-switches as shown on the following page (for further information see Mindy A824 instruction manual).

Recommendations for correct installation

Remember that for good operation of underground motors ME3024, the **mechanical stops** must be **installed and adjusted** inside the foundation boxes in such a way that they activate as soon as the leaf comes up against the central stop.



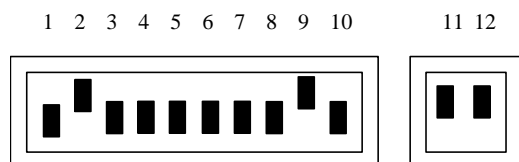
Setting the dip-switches for automatic search of Metroplex and Metro motors



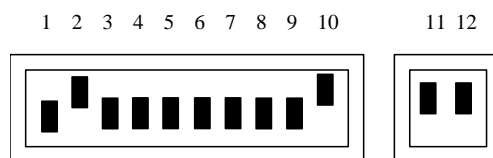
Discharge is set automatically to an intermediate level.
If this inversion is inadequate, it can be modified for each individual leaf following the procedure described below.

Modifying discharge

Set the dip-switches as indicated below by selecting first one motor and then the second as follows:



Level of discharge of motor 1 on closing





Level of discharge of motor 2 on closing

Immediately after the dip-switches have been set, the OK LED emits a number of flashes equal to the set level (10 flashes correspond to non-programmed discharge).

Programming table for discharge levels

Press and release the “Open” key to increase by one level; press and release the “Close” key to decrease by one level (see table below); the level is indicated by the number of flashes of the OK LED on the control unit.

After establishing the level, carry out the “parameter memorisation” procedure described in the control unit manual.

Number of flashes of Led OK	Discharge level	“Open” key	“Close” key
10	Non-programmed discharge		
1	1 (minimum discharge)		
2	2		
3	3		
4	4		
5	5		
6	6		
7	7		
8	8 (maximum discharge)		