

Table 4. Magic Force/Magic Swing Configuration Codes -- Motor 1

Index	Min. Value	Max. Value	Description	Defaults	
				Low Energy	Full Energy
00	05	35	Open speed, revolutions per second	06	25
01	03	12	Check speed, revolutions per second	04	04
02	05	40	Stall speed, percent of PWM counts	15	15
03	00	99	Open check length	20	45
04	00	99	Magic Touch sensitivity (00 = OFF, 01-99 = sensitivity) (01 = max. sensitivity)	00	00
05	01	99	Magic Touch hold open time (25 sec. max. = 99%)	22	16
06	01	99	Hold-open delay in percent (25 sec. max. = 99%)	21	06
07	05	75	Open torque	25	75
08	05	75	Check torque	25	40
09	05	75	Stall torque	25	25
10	00	20	Open Check Boost	09	12

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Table 4. Magic Force/Magic Swing Configuration Codes -- Motor 1 Continued

Index	Min. Value	Max. Value	Description	Defaults	
				Low Energy	Full Energy
11	00	04	Safety Logic. INDEX 11 - 00 to 15 00 = Sensor 01 = Sentrex 02 = Carpet 03 = Carpet 12 Sec. 04 = Non-Monitored Bi-Fold 05 = Monitored DM & OHP. ACT, STL & SAF, both single & pair 06 = Monitored DM & OHP Dual Egress. STL, ACT, STL & SAF 07 = Monitored OHP & Photobeam. SAF & Photobeam 08 = Monitored DM ACT. ACT both single & pair 09 = Monitored OHP Bi-Fold. SAF 10 = Monitored DM. ACT & STL both single & pair 11 = Two OHP Monitored Bi-fold. SAF, Bi-Fold/Swing 12 = Monitored Hub Based Sensors. ACT & STL 13 = Swing-Guard T 14 = Monitored DM Stall & OHP both single and pair. STL & SAF 15 = Monitored DM Stall & OHP Dual Egress. STL & SAF	00	00
12	00	01	2S Operation, 00 = OFF, 01 = ON	00	00
13	01	60	Obstruction Time (percent) (60 = 1.5 seconds)	20	20
14	20	60	Open Acceleration Slope	60	60
15	20	40	Open Braking Slope	35	35
16	00	50	Operate Delay. Motor 1 (0.1 sec. increments: 5.0 sec. max.)	00	00
17	00	01	No Reverse on Obstruction (00 Off, 01 On)	NA	NA
18	00	50	Lock Delay (0.1 sec. increments, 5.0 sec. max.)	00	00
19	00	01	Manual Mode sensor override (00 Off, 01 On)	00	00

ABBREVIATIONS:

DM - Door Mounted Sensors

OHP - Overhead Presence Sensor

ACT - Activation Side Presence Sensor

STL - Stall Presence Sensor

SAF - Safety Presence Sensor

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03.23.2017

Table 5. Magic Force/Magic Swing Configuration Codes -- Motor 2

Index	Min. Value	Max. Value	Description	Defaults	
				Low Energy	Full Energy
20	05	35	Open speed, revolutions per second	06	25
21	03	12	Check speed, revolutions per second	04	04
22	05	40	Stall speed, percent of PWM counts	15	15
23	00	99	Open check length	20	45
24	00	99	Magic Touch sensitivity (00 = OFF, 01-99 = sensitivity) (01 = max. sensitivity)	00	00
25	00	99	Magic Touch hold open time (25 sec. max. = 99%)	22	16
26	00	99	Hold-open delay in percent (25 sec. max. = 99%)	21	05
27	05	75	Open torque, percent of full torque	25	75
28	05	75	Check torque, percent of full torque	25	40
29	05	75	Stall torque, percent of full torque	25	25
30	00	20	Open Check Boost, transition speed between braking and check	09	12
31	00	01	Sensor Off Mode, 00 - On , 01 Off, Ignores sensors when the function switch is off	00	00
32	00	01	Lock Logic – 00 Failsafe , 01 Fail secure – Electric Strike lock logic	01	01
33	01	60	Obstruction time in percent (60 = 1.5 seconds)	19	19
34	00	60	Open Acceleration Slope	60	60
35	20	40	Open Braking Slope	35	35
36	00	50	Operate Delay. Motor 2 (0.1 sec. increments: 5.0 sec. max.)	00	00
37	01	99	Unlock time - E-Strike (99=unlocked until full closed)	10	10