

CONTROL UNITS

TYPE OF APPLICATION

Motor Power Supply

Programming

"Automatic" operating logic (with closing after pause time)

"Semi-automatic" operating logic

"Dead man" operating logic

Motor thrust force adjustment

Work time learning cycle

Pause time programming

Total opening command

Partial/single leaf opening command

Stop command (movement block)

Safety in opening contact

Safety in closing contact

Fail-safe (photocell operation test)

Modifiable safety device behaviour when closing

Modifiable safety device behaviour when opening

Electric lock output

Opening/closing limit switch inputs

Safety edge input

Indicator light output

Flashing light output

Reverse stroke (to assist electric lock release)

Ram stroke (to assist lock engagement)

Electronic slowdown

Electronic obstacle detection

Opening leaf delay function (to prevent leaves overlapping)

Closing leaf delay function (to prevent leaves overlapping)

Pre-flashing before movement

Diagnostics

Cycle counting

Wind function

Soft-touch function

Integrated radio code decoding and connector for 3-pin RQFZ receiver modules

Connector for 5-pin plug in receivers

G-Way BUS

USB connector

PAGE

	SWING		SLIDING	
	BRAIN 19	BRAIN 15	SPRINT 382	SPRINT M24
	230Vac	24Vdc	230Vac	24Vdc
	display and buttons	micro switches and buttons	display and buttons	display and buttons
	3	3	3	3
	3	3	3	3
	1	1	2	1
	independent for each motor (50 levels)	✓	✓	✓
	programmable via the learning button	programmable via the learning button	determined by limit switches	determined by limit switches
	✓	✓	✓	✓
	✓	✓	✓	✓
	✓	✓	✓	✓
	✓	✓	✓	✓
	✓ (traditional and G-Way Bus)	✓ (G-Way Bus)	✓	✓ (G-way Bus)
	✓ (traditional and G-Way Bus)	✓ (G-Way Bus)	✓	✓ (G-way Bus)
	✓	✓	✓	✓ (programmable output)
	✓		✓	✓
	✓		✓	✓
	✓	✓		
	✓		✓	✓
			✓	programmable inputs (2)
	✓	✓	✓	✓
	✓	✓	✓	✓
	✓	✓		
	✓	✓		
	✓	✓	✓	✓
	✓ (via PROcoder absolute encoder)	✓ (with virtual Encoder ENV)	✓ (via encoder)	✓
	✓	✓		
	✓	✓		
	✓	✓	✓	✓
	✓	✓	✓	✓
		✓	✓	
		✓		
	✓	✓		✓
			✓	
	✓	✓		✓
	✓ (firmware updating, radio codes back-up, installation configuration back-up)			
	74	75	76	77

Brain 19



230V



Code

6100328

Power supply (Vac)	230 (+6% -10%) 50Hz
Absorbed power (W)	4,3 W in Stand By
Motor load Max. (W)	800
Max. accessories load (mA)	500
Operating temperature (°C)	-20 +55
Protection fuses	2
Operating logic	Semi-automatic/Semi-automatic Step-by-Step/Automatic Safety Step-by-Step/Automatic/Automatic Step-by-Step/Semi-automatic B/Dead Man
Opening/closing time	Programmable via the learning button
Pause time	from 0 to 9.5 min.
Closing leaf delay	from 0 to 1.3 min.
Opening leaf delay	2 sec. (can be disabled from the display)
Thrust force	Adjustable via display, 50 levels for each motor
Inputs in terminal board	Open/Open free leaf/Stop/Limit switch/USB Opening and closing safeties/Power supply + earth/G-WAY BUS
Outputs in terminal board	Flashing light/Motors/24Vdc Accessories power supply/Failsafe/12Vac Electric lock power supply/24Vdc Indicator light
Quick connector	3-PIN for Genius RQFZ receiver module/Integrated decodification
Selectable functions	Logics and pause time/Thrust force/Leaf opening and closing delay/Reverse stroke Failsafe/Closing safeties logic/Pre-flashing/ Use of limit switches/Use of PROcoder encoder
Programming buttons	Work times learning with or without limit switches or encoder, with or without slowdowns and radio code programming
USB input	Firmware Update/Installation configuration upload and Download/Radio codes upload and download

ACCESSORIES



ENCLOSURE FOR 230V CONTROL UNITS

Code JA320



RADIO FREQUENCY MODULES RQFZ 3PIN for GENIUS.

433 MHz

Code 6100346

868 MHz

Code 6100347

Brain 15



24V

ENV
PATENTED

G-WAY
BUS

G-DEC



With transformer in watertight enclosure.

Code

6100263

Power supply (Vac)	230 (+6% -10%) 50Hz
Control unit power supply (Vac)	24 nominal
Absorbed power (W)	4
Motor load Max. (W)	150 x 2
Max. accessories current (mA)	250
Max. accessories current BUS (mA)	400
Operating temperature (°C)	-20°C to +55°C
Protection fuses	F1 = self-resetting; F2 = T2A-250V or T4A-120V
Operating logics	Automatic/Automatic "step by step"/Semi-automatic/Semi-automatic "step by step"/Semi-automatic B/Dead man
Pause time	Variable depending on learning (max. 10 min.)
Inputs in terminal board	Open A, Open B, Stop, G-WAY BUS (I/O)
Connector inputs	Power supply/Battery/3-Pin radio module
Outputs in terminal board	Motors/Flashing light/Accessories power supply/Electric lock/Service light contact (fixed 90 sec.)
Programmable functions	Logics/Speed/Wind/Soft touch/Ram stroke
Learning functions	Pause time, 2nd leaf closing delay

ACCESSORIES



BATTERY KIT
Complete with charging board.
For 24V models only

Code 390923



**BOARD
BUS INTERFACE**
For standard photocell
connection.

Code 6100236



**RADIO FREQUENCY
MODULES**
RQFZ 3PIN for GENIUS.

433 MHz

Code 6100346

868 MHz

Code 6100347

Sprint 382



230V



Incorporated in Falcon M5 ENC, Falcon M8 C ENC, Falcon M14 C, Falcon M20 C, Blizzard 500 C ENC and Blizzard 900 C ENC gearmotors.

Code

202269

Power supply (Vac)	230 (+6% -10%) 50Hz
Absorbed power (W)	10
Motor load Max. (W)	1000
Max. accessories load (mA)	500
Operating temperature (°C)	-20 +55
Protection fuses	2
Operating logic	Automatic/Automatic "Step by Step"/Semi-automatic/Safety/ Semi-automatic B/Dead man C/Semi-automatic "Step by Step"
Work time	Programmable (from 0 to 4 minutes)
Pause time	Programmable (from 0 to 4 minutes)
Thrust force	Adjustable on 50 levels
Inputs in terminal board	Open/Partial open/Stop/Opening and closing safeties/Stop/ Safety edge/Power Supply + earth
Connector inputs	Opening and closing limit switches/Encoder
Outputs in terminal board	Flashing light/Motor/24 Vdc accessories power supply/Indicator light 24Vdc/Failsafe
Quick connector	Genius 5-PIN receivers
Programming	3 buttons (+, -, F) and display, simple or complete mode
Simple Mode programmable functions	Operating logics/Pause time/Thrust force/Gate direction
Complete Mode programmable functions	Torque at initial thrust/Braking/Failsafe/Pre-flashing/Indicator light/Safeties logic/Encoder/ Slowdowns/Partial opening time/Work time/Assistance request/Cycles counting

ACCESSORIES



Single channel receiver 433 JLC

Code 6100351

Two-channel receiver 868 JLC

Code 6100353

Plug-in receivers with 5-pin Molex connector compatible with Genius control boards with 5-pin connectors.

Single channel receiver 868 JLC

Code 6100352

Single channel receiver 433 RC

Code 6100354

Single channel receiver 433 RC

Code 6100355

Sprint M24



24V

G-DEC



Incorporated in Blizzard 400 C ENC and Blizzard 800 C ENC gearmotors.

Code

6020664

Power supply (Vac)	230 (+6% -10%) 50Hz
Fuse F1	2.5 A T
Max. accessories load (mA)	500
Flashing light	24Vdc - 15W
Operating ambient temperature (°C)	-20 +55
Operating logic	Semi-automatic/Semi-automatic Step by Step/Automatic/Automatic Step by Step/Automatic Safety/Semi-automatic B/Dead man
Work time	Programmable (from 0 to 9 minutes and 50s)
Pause time	Programmable (from 0 to 9 minutes and 50s)
Thrust force	Adjustable on 50 levels
Inputs in terminal board	Open/Partial open/Stop/Power supply/G-WAY BUS
Outputs in terminal board	Flashing light/Indicator light 24Vdc/Programmable output/Motor
Quick connector	Battery/3-pin for Genius RQFZ receiver module/Encoder
Programming	3 buttons and display, simple and complete mode
Simple Mode programmable functions	Operating logics/Pause time/Thrust force/Opening speed/Closing speed/Opening slowdown/Closing slowdown/Primary-Secondary
Complete Mode programmable functions	Pre-flashing/Safeties logic/Partial opening/Work time/Slowdown speed/Outputs/Inputs Partial Open and Stop (safety edges)

ACCESSORIES



BATTERY KIT
Complete with charging board.
For 24V models only

Code 390923



RADIO FREQUENCY MODULES
RQFZ 3PIN for GENIUS.

433 MHz
Code 6100346

868 MHz
Code 6100347