

HOME AUTOMATION

TaHoma Smart Home Gateway 1811731

- Can hold up to 40 channels
- Multiple devices can be joined for multi-zone control
- Compatible with Remote Motor Kits: 445SK, 528SK, 446SK, 527SK
- Compatible with all wireless Somfy/Simu wireless receivers



DOOYA Smart Hub

DD7002B

- One Hub can connect to 30 motors
- One account can include 5 different locations
- Each location can control 5 Hubs
- Each account can have up to 3 guests
- Compatible with Remote Motor Kits: 345K, 445K, 528K, 346K, 446K, S446KB and 527K
- Compatible with Wireless Receivers: DC74, DC136



Compatible with
GOOGLE HOME &
ALEXA

SIMU Somfy myLink Smart Hub

1811264

- Can hold up to 16 channels
- Can join 10 MyLinks together
- Compatible with Remote Motor Kits: 445SK, 528SK, 446SK, and 527SK
- Compatible with Wireless Receivers: 1810481, 1810602, 2008191



EMS Brand Solar Motor Kit - **NEW!**

Remote Override (TYPE 5)

S346KB 30Nm lifting capacity up to 119 lbs

S446KB 50Nm lifting capacity up to 200 lbs

Both used with **DD1538HK**

Includes (Also Sold Separately): 60 & 70mm Crowns; 60 & 70mm Drives • Bracket

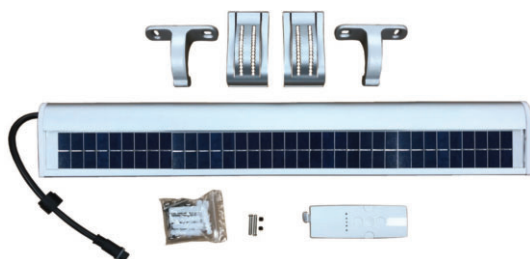


Bi-Directional Solar Panel Kit - **NEW!**

DD1538HK

Used with **S346KB** & **S446KB**

Includes: Quick Mount Wall Brackets, Hinged Brackets, Mounting Hardware, 5 Channel Remote



No Electrician Needed
No Electrical Permit Required

Solar Motor Includes:

Remote Override; 8' Power Cable with Twist Connection
5 Channel Remote

24" Solar Panel Includes:

Rechargeable Battery; 2' Power Cable with Twist Connection
Micro USB Charging ; Quick Mount Wall Brackets

Recommended use:

40mm ER & Single Wall Roll Shutters

Contact your EMS Sales Representative today for details and pricing.

ROLL SHUTTER MOTORS: EMS Brand Standard & Override Motor Kits

EMS Brand Motor Specification Chart - NOT compatible with SIMU motor products

Model	Rated Torque	Output Speed	Motor Length	Rated Voltage	Freq.	Rated Power	Rated Current	Continuous Run Time	Protection Degree	Max Limit Turns	Theoretical Lifting Capacity**
Standard Motors											
<u>349K</u>	30 Nm	13 rpm	21.5"	120V	60Hz	152W	1.51A	4min	IP44	45	134lbs - 148 lbs
<u>449K</u>	50 Nm	13 rpm	21.5"	120V	60Hz	235W	2.2A	4min	IP44	22	150lbs - 246 lbs
<u>510K</u>	100 Nm	11 rpm	32.75"	120V	60Hz	340W	2.94A	4min	IP44	22	256lbs - 386lbs
Standard w/Override Motor											
<u>323K</u>	30 Nm	13 rpm	24"	120V	60Hz	152W	1.51A	4min	IP44	45	134lbs - 148 lbs
<u>423K</u>	50 Nm	13 rpm	24"	120V	60Hz	235W	2.2A	4min	IP44	22	150lbs - 246 lbs
<u>529K</u>	100 Nm	11 rpm	24.5"	120V	60Hz	340W	2.94A	4min	IP44	22	256lbs - 386lbs
Remote Motor											
<u>345K</u>	30 Nm	13 rpm	27"	120V	60Hz	152W	1.51A	4min	IP44	45	134lbs - 148 lbs
<u>445K</u>	50 Nm	13 rpm	27"	120V	60Hz	235W	2.2A	4min	IP44	22	150lbs - 246 lbs
<u>528K</u>	100 Nm	11 rpm	30.5"	120V	60Hz	340W	2.94A	4min	IP44	22	256lbs - 386lbs
Remote w/Override Motor											
<u>346K</u>	30 Nm	13 rpm	29.75"	120V	60Hz	152W	1.51A	4min	IP44	45	134lbs - 148 lbs
<u>446K</u>	50 Nm	13 rpm	29.75"	120V	60Hz	235W	2.2A	4min	IP44	22	150lbs - 246 lbs
<u>527K</u>	100 Nm	11 rpm	30.5"	120V	60Hz	340W	2.94A	4min	IP44	22	256lbs - 386lbs
Standard w/Override Motor											
<u>580K</u> (NOT UL LISTED)	300 Nm	11 rpm	23.75"	120V	60Hz	881W	8.17A	4min	IP44	30	760lbs - 1015lbs

** Lifting Capacity decreases as the height increases.

EMS Brand Standard Motor Kit (TYPE 5)

349K (DM45S) 30Nm; 4 Wire
449K (DM45S) 50Nm; 4 Wire equiv. to 449SK

Includes (Also Sold Separately):
 60 & 70MM Crowns • 60 & 70mm Drives
 Bracket • Alt. Bracket



EMS Brand Standard Motor Kit (TYPE 6)

510K (DM59S) 100Nm; 4 Wire equiv. to 510SK

Includes (Also Sold Separately):
 70MM Crown • 70mm Drive
 Bracket • Alt. Bracket



EMS Brand Standard Override Motor Kit (TYPE 5)

323K (DM45S) 30Nm; 4 Wire
423K (DM45S) 50Nm; 4 Wire equiv. to 423SK

Includes (Also Sold Separately):
 60 & 70MM Crowns • 60 & 70mm Drives
 Bracket



EMS Brand Standard Override Motor Kit (TYPE 6)

529K (DM59M) 100Nm; 4 Wire equiv. to 529SK

Includes (Also Sold Separately):
 70MM Crown • 70mm Drive
 Bracket • Alt. Bracket



EMS Brand Override Motor Kit (TYPE 9)

(NOT UL LISTED)
580K (DM92M) 300Nm; 4 Wire

Includes (Also Sold Separately):
 100MM Crown • 100mm Drive
 No Bracket - Direct Mount
 Override Crank Eye



Use DC136 to
 make Remote

ROLL SHUTTER MOTORS: EMS Brand Remote Motor Kits

EMS Brand Remote Motor Kit (TYPE 5)

345K (DM45R) 30Nm; 3 Wire

445K (DM45R) 50Nm; 3 Wire equiv. to **445SK**

Includes (Also Sold Separately):

60 & 70MM Crowns • 60 & 70mm Drives

Bracket • Alt. Bracket • Five Channel Emitter



EMS Brand Remote Motor Kit (TYPE 6)

528K (DM59R) 100Nm; 3 Wire equiv. to 528SK

Includes (Also Sold Separately):

70MM Crown • 70mm Drive

Bracket • Alt. Bracket • Five Channel Emitter



ROLL SHUTTER MOTORS: EMS Brand Remote Override Motor Kits

EMS Brand Remote Override Motor Kit (TYPE 5)

346K (DM45R) 30Nm; 3 Wire

446K (DM45R) 50Nm; 3 Wire
equiv. to 446SK

Includes (Also Sold Separately):

60 & 70MM Crowns • 60 & 70mm Drives

Bracket • Five Channel Emitter



EMS Brand Solar Motor Kit - **NEW!** Remote Override (TYPE 5)

S346KB (DM45R) 30Nm lifts up to 119 lbs

S446KB (DM45R) 50Nm lifts up to 200 lbs

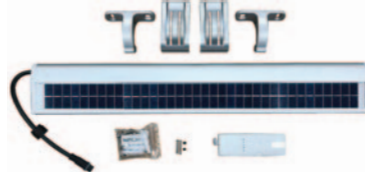
Both used with **DD1538HK** (see below)

Includes (Also Sold Separately): 60 & 70MM Crowns

60 & 70mm Drives • Bracket • Five Channel Emitter



DD1538HK Solar Panel Kit - **NEW!**



EMS Brand Remote Override Motor Kit (TYPE 6)

527K (DM59R) 100Nm; 3 Wire
equiv. to 527SK

Includes (Also Sold Separately):

70MM Crown • 70mm Drive

Bracket • Alt. Bracket

Five Channel Emitter



ROLL SHUTTER MOTORS: EMS Brand Miscellaneous Electronics

WiFi Smart Hub

DD7002B

For Dooya Motors



15 Channel Remote

Unidirectional

DC1602



Keychain Emitter

DC61

One Channel



Twenty Channel

Wireless Receiver

DC74 (Standard Motors)

DC136 (for 580K)



SIMU ROLL SHUTTER MOTORS: Standard & Override Motor Kits

SIMU Motor Specification Chart - NOT compatible with EMS motor products

Model	Rated Torque	Output Speed	Motor Length	Rated Voltage	Freq.	Rated Power	Rated Current	Continuous Run Time	Protection Degree	Max Limit Turns	Theoretical Lifting Capacity**
Standard Motors											
449SK	50 Nm	12 rpm	23.625"	120V	60Hz	210W	2.1A	5min	IP44	28	224lbs-246lbs
510SK	100 Nm	14 rpm	27.125"	120V	60Hz	430W	3.8A	4min	IP44	22	308lbs-448lbs
Standard w/Override Motor											
423SK	50 Nm	12 rpm	26"	120V	60Hz	210W	2.1A	5min	IP44	28	224lbs-246lbs
529SK	100 Nm	14 rpm	26.25"	120V	60Hz	430W	3.8A	5min	IP44	28	308lbs-448lbs
Remote Motor											
445SK	50 Nm	12 rpm	26.5"	120V	60Hz	250W	2.1A	5min	IP44	28	224lbs-246lbs
528SK	100 Nm	14 rpm	28.75"	120V	60Hz	430W	3.8A	4min	IP44	28	308lbs-448lbs
Remote w/Override Motor											
446SK	50 Nm	12 rpm	30.25"	120V	60Hz	250W	2.1A	5min	IP44	28	224lbs-246lbs
527SK	100 Nm	14 rpm	33.75"	120V	60Hz	430W	3.8A	5min	IP44	28	308lbs-448lbs

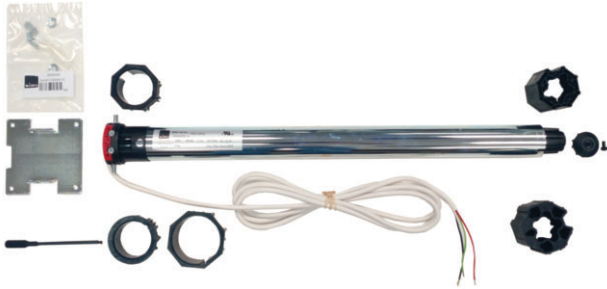
** Lifting Capacity decreases as the height increases.

SIMU Standard Motor Kit (TYPE 5)

449SK (DM45S) 50Nm; 4 Wire equiv. to **449K**

Includes (Also Sold Separately):

60 & 70MM Crowns • 60 & 70mm Drives • Bracket • Alt. Bracket



SIMU Standard Motor Kit (TYPE 6)

510SK (DM59S) 100Nm; 4 Wire equiv. to **510K**

Includes (Also Sold Separately):

70MM Crown • 70mm Drive • Bracket • Alt. Bracket



SIMU Standard Override Motor Kit (TYPE 5)

423SK (DM45S) 50Nm; 4 Wire equiv. to **423K**

Includes (Also Sold Separately):

60 & 70MM Crowns • 60 & 70mm Drives • Bracket



SIMU Standard Override Motor Kit (TYPE 6)

529SK (DM59M) 100Nm; 4 Wire equiv. to **529K**

Includes (Also Sold Separately):

70MM Crown • 70mm Drive • Bracket

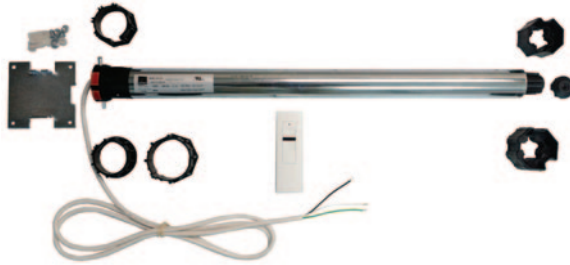


SIMU ROLL SHUTTER MOTORS: Remote Motor Kits

SIMU Remote Motor Kit (TYPE 5)

445SK (DM45R) 50Nm; 3 Wire equiv. to **445K**

*Includes (Also Sold Separately): 60 & 70MM Crowns
60 & 70mm Drives • Bracket; Five Channel Emitter*



SIMU Remote Motor Kit (TYPE 6)

528SK (DM59R) 100Nm; 3 Wire equiv. to **528K**

*Includes (Also Sold Separately): 70MM Crown • 70mm Drive • Bracket
Alt. Bracket; Five Channel Emitter*



SIMU ROLL SHUTTER MOTORS: Remote Override Motor Kits

SIMU Remote Override Motor Kit (TYPE 5)

446SK (DM45R) 50Nm; 3 Wire equiv. to **446K**

*Includes (Also Sold Separately): 60 & 70MM Crowns
60 & 70mm Drives • Bracket; Five Channel Emitter*



SIMU Remote Override Motor Kit (TYPE 6)

527SK (DM59R) 100Nm; 3 Wire equiv. to **527K**

*Includes (Also Sold Separately): 70MM Crown • 70mm Drive • Bracket
Five Channel Emitter*



ROLL SHUTTER MOTORS: Hz Radio Systems Accessories

Device for Home
Automation Somfy
myLink App
1811264 White



HZ TRANSMITTER
2006143 White
5 Channel
Handheld



HZ TRANSMITTER
2007350 White
16 Channel
Handheld



HZ TRANSMITTER
1810603 White
1810604 Ivory
1 Channel Recessed
Designer



HZ TRANSMITTER
1810813 White
1810606 Ivory
5 Channel Recessed
Designer



HZ RADIO
EXTERNAL
KEYPAD
2006029
Up to 2 Hz Motors



HZ 2 CHANNEL
KEYCHAIN
TRANSMITTER
2005326 ref.
2008329



ROLL SHUTTER MOTORS: Miscellaneous Electronics

RELAY/ISOLATION
CONTROL
1822135 (NON STOCK)
For 2 Switches on 1 Motor



EXTERNAL RADIO
RECEIVER (Non Stock)
1810481
For IGC; Remote for
Duals & Sync Kit



EXTERNAL RADIO
RECEIVER (Non Stock)
1810602
Makes a Standard Motor
Remote



EXTERNAL SYNC.
CONTROL
For Dual Motors
1822159 Standard IGC
1822161 (Non Stock)



GROUP RELAY
SWITCH
2282074 (Non Stock)
2 Motors on 1 Master Switch
2282075 (Non Stock)
3 Motors on 1 Master Switch



EXTERNAL HZ
RECEIVER
2008191
Micro Motor 120V AC



SIMU Motor Specifications - Single Motors (Non-Kits)

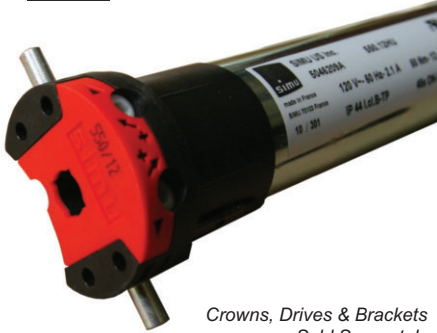
Model	Rated Torque	Output Speed	Tube Diameter	Rated Voltage	Freq.	Rated Power	Rated Current	Continuous Run Time	Protection Degree	Max Limit Turns	Theoretical Lifting Capacity**
Standard Motors (TYPE 5)											
535 - 2000648	35 Nm	18 rpm	47mm	120V	60 Hz	210W	2.1A	5 min	IP44	28	143 lbs - 172 lbs
540 - 2000652	40 Nm	12 rpm	47mm	120V	60 Hz	210W	1.8A	5 min	IP44	28	179 lbs - 195 lbs
Standard w/Override Motors (TYPE 5)											
530 - 2000774	30 Nm	12 rpm	47mm	120V	60 Hz	170W	1.5A	5 min	IP44	28	134 lbs - 148 lbs
535 - 2000771	35 Nm	18 rpm	47mm	120V	60 Hz	250W	2.1A	5 min	IP44	28	143 lbs - 172 lbs
540 - 2000775	40 Nm	12 rpm	47mm	120V	60 Hz	210W	1.8A	5 min	IP44	28	179 lbs - 195 lbs
Standard w/Override Motor											
660 - 2000985	60 Nm	14 rpm	60mm	120V	60 Hz	285W	2.5A	4 min	IP44	22	185 lbs - 268 lbs
680 - 2000986	80 Nm	14 rpm	60mm	120V	60 Hz	390W	3.4A	4 min	IP44	22	246 lbs - 358 lbs

ROLL SHUTTER MOTORS by SIMU: Standard Motors - Type 5 & 6

SIMU STANDARD MOTORS (TYPE 5)

SPECIAL ORDER

535 - 2000648	35 Nm
540 - 2000652	40 Nm

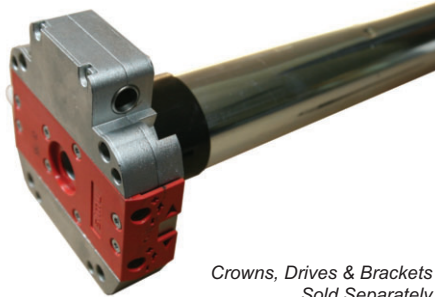


Crowns, Drives & Brackets
Sold Separately

SIMU OVERRIDE MOTORS (TYPE 5)

SPECIAL ORDER

530 - 2000774	30 Nm
535 - 2000771	35 Nm
540 - 2000775	40 Nm



Crowns, Drives & Brackets
Sold Separately

SIMU STANDARD MOTORS (TYPE 6)

SPECIAL ORDER

660 - 2000985	60 Nm
680 - 2000986	80 Nm



Crowns, Drives & Brackets
Sold Separately

MOTOR ADAPTORS (crown & drive)

[9012814](#) TYPE 5

60mm Octagonal Set,
Aluminum Drive Wheel



MOTOR ADAPTORS (crown & drive)

[9012812](#) TYPE 5

70mm Octagonal Set,
Aluminum Drive Wheel



MOTOR ADAPTORS (crown & drive)

[9012815](#) TYPE 6

70mm Octagonal Set,
Aluminum Drive Wheel



MOTOR BRACKETS

[9520049](#) TYPE 5

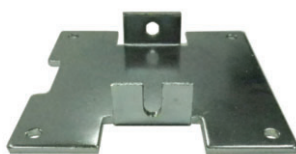
Operator Bracket
80mm x 80mm square



MOTOR BRACKETS

[9520187](#) TYPE 5

Operator Bracket
100mm x 100mm square



MOTOR BRACKETS

[DZ315K](#) TYPE 5 & 6

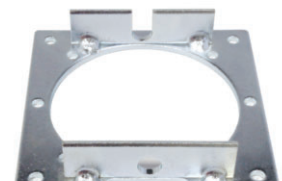
DMI Override Operator Bracket
ref. [9706034](#)



MOTOR BRACKETS

[9530018](#) TYPE 6

Operator Bracket
100mm x 100mm square



SIMU Motor Specifications - Single Motors (Non-Kits)

Model	Rated Torque	Output Speed	Tube Diameter	Rated Voltage	Freq.	Rated Power	Rated Current	Continuous Run Time	Protection Degree	Max Limit Turns	Theoretical Lifting Capacity**
Standard w/Override Motor											
T8 - 2008302	200 Nm	10 rpm	94mm	120V	60 Hz	600W	5.6A	4min	IP44	17	490 - 551 lbs
T8 - 2008303	280 Nm	10 rpm	94mm	120V	60 Hz	820W	6.9A	4min	IP44	17	686 - 771 lbs

**** Lifting Capacity decreases as the height increases.**

ROLL SHUTTER MOTORS by SIMU: Standard Motors - Type 8

SIMU OVERRIDE MOTORS (TYPE 8)

SPECIAL ORDER

T8 - 2008302 200 Nm



To make Remote Use 1810602

9001297 Drive
9018069 Bracket

Drives & Brackets
Sold Separately

SIMU SLIM OVERRIDE MOTOR (TYPE 8)

SPECIAL ORDER

T8 - 2008303 280 Nm



To make Remote Use

Smart Motor Control 2005720 and IGC Control 1810481

9001297 Drive
9018069 Bracket

Drives & Brackets
Sold Separately

ROLL SHUTTER MOTORS by SIMU: Toggle Switches

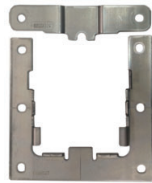
MOTOR ADAPTORS (drive)

9001297
T8 94MM Round Drive Wheel



MOTOR BRACKETS

9018069
T8 Bracket Angle
(2 piece set)



T8 IDLER SUPPORT

2003807



94MM IDLE INSERT

9542008



TOGGLE SWITCH

Single Pole Maintained
2005520 Ivory
2005521 White



TOGGLE SWITCH

Single Pole Momentary
2005522 Ivory
2005523 White



KEY SWITCHES

2001547 Maintain
2001548 Momentary

2005752*
Extra Key Blanks
*Non Stock Item



DESIGNER PADDLE SWITCHES

Single Pole Maintained
2005553 Ivory
2005554 White



DESIGNER PADDLE SWITCHES

Single Pole Momentary
2005558 Ivory
2005559 White



TEST SWITCH

2001476
Installation
Test switch



SIMU Motor Specifications - Single Motors (Non-Kits)

Model	Rated Torque	Output Speed	Tube Diameter	Rated Voltage	Freq.	Rated Power	Rated Current	Continuous Run Time	Protection Degree	Max Limit Turns	Theoretical Lifting Capacity**
Remote Motor											
520 - 2006353	35 Nm	12 rpm	47mm	120V	60 Hz	130W	1.1A	5 min	IP44	28	82 lbs - 100 lbs
530 - 2005136	30 Nm	12 rpm	47mm	120V	60 Hz	170W	1.5A	5 min	IP44	28	123 lbs - 148 lbs
535 - 2005135	35 Nm	18 rpm	47mm	120V	60 Hz	250W	2.1A	5 min	IP44	28	143 lbs - 172 lbs
Remote w/Override Motor											
530 - 2004673	30 Nm	12 rpm	47mm	120V	60 Hz	170W	1.5A	5 min	IP44	28	123 lbs - 148 lbs
535 - 2004674	35 Nm	18 rpm	47mm	120V	60 Hz	250W	2.1A	5 min	IP44	28	143 lbs - 172 lbs

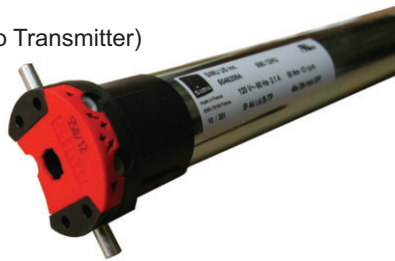
** Lifting Capacity decreases as the height increases

ROLL SHUTTER MOTORS by SIMU: Remote Hz Motors - Type 5

REMOTE Hz (TYPE 5) SPECIAL ORDER

520 - 2006353	20 Nm
530 - 2005136	30 Nm (No Transmitter)
535 - 2005135	35 Nm

Crowns, Drives
& Brackets
Sold Separately



REMOTE Hz OVERRIDE MOTORS (TYPE 5) SPECIAL ORDER

530 - 2004673*	30 Nm (No Transmitter)
535 - 2004674	35 Nm

Crowns, Drives
& Brackets
Sold Separately



ROLL SHUTTER MOTORS: Hz Radio Systems Accessories

MOTOR ADAPTORS (crown & drive)

9012814 TYPE 5
60mm Octagonal Set,
Aluminum Drive Wheel



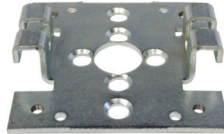
MOTOR ADAPTORS (crown & drive)

9012812 TYPE 5
70mm Octagonal Set,
Aluminum Drive Wheel



MOTOR BRACKETS **9520049** TYPE 5

Operator Bracket
80mm x 80mm square



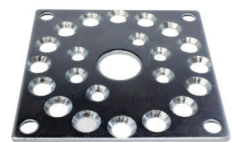
MOTOR BRACKETS **9520187** TYPE 5

Operator Bracket
100mm x 100mm square



MOTOR BRACKETS **DZ315K** TYPE 5

DMI Override Operator
Bracket
ref. [9706034](#)



Device for Home
Automation Somfy
myLink App
1811264 White



Hz TRANSMITTER
2006143 White
5 Channel
Handheld



Hz TRANSMITTER
2007350 White
16 Channel
Handheld



Hz TRANSMITTER
1810603 White
1810604 Ivory
1 Channel Recessed
Designer



Hz TRANSMITTER
1810813 White
1810606 Ivory
5 Channel Recessed
Designer



Hz RADIO
EXTERNAL
KEYPAD
2006029
Up to 2 Hz Motors



Hz 2 CHANNEL
KEYCHAIN
TRANSMITTER
2005326 ref.
[2008329](#)



RELAY/ISOLATION
CONTROL
1822135 (NON STOCK)
For 2 Switches on 1 Motor



EXTERNAL RADIO
RECEIVER (Non Stock)
1810481
For IGC; Remote for
Duals & Sync Kit



EXTERNAL RADIO
RECEIVER (Non Stock)
1810602
Makes a Standard Motor
Remote



EXTERNAL SYNC.
CONTROL
For Dual Motors
1822159 Standard IGC
1822161 (Non Stock)



GROUP RELAY
SWITCH
2282074 (Non Stock)
2 Motors on 1 Master Switch
2282075 (Non Stock)
3 Motors on 1 Master Switch



EXTERNAL HZ
RECEIVER
2008191
Micro Motor 120V AC

