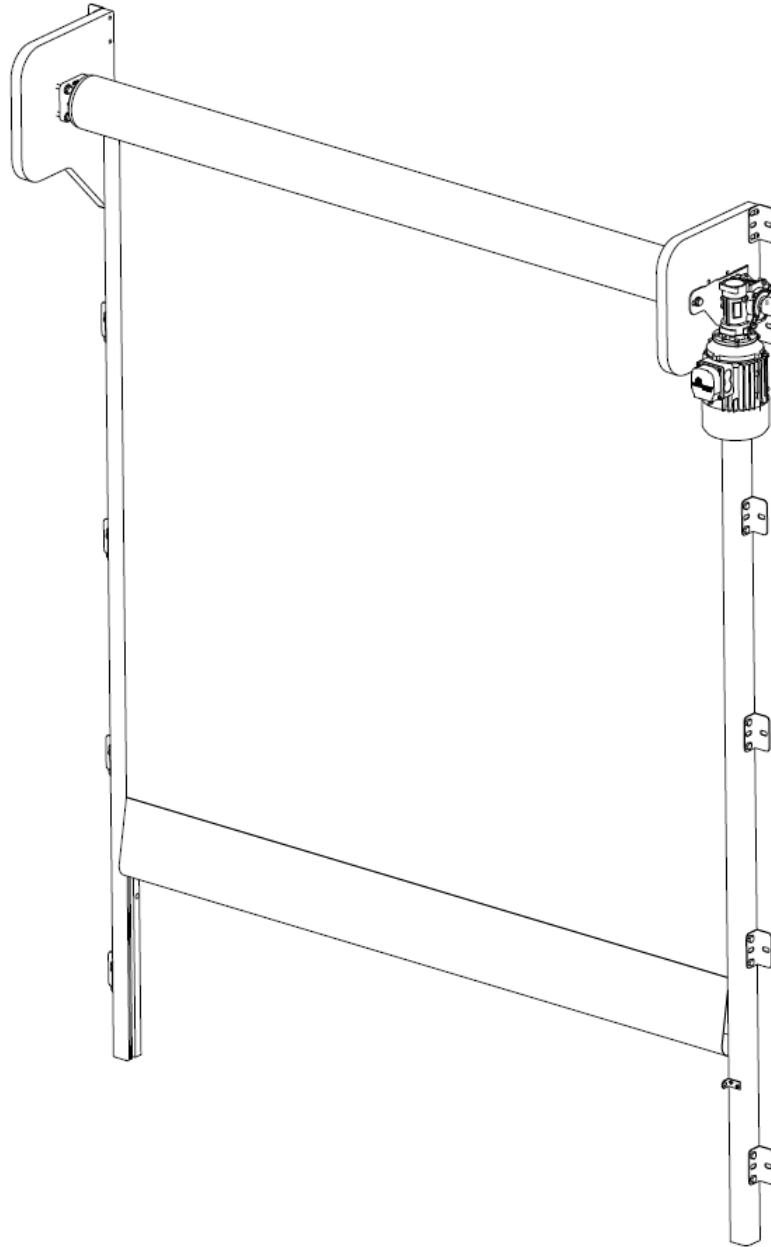


**JAMISON-B.M.P.  
INDUSTRIAL RAPID DOORS  
DynamicRoll® PE Replacement Parts**



JAMISON DOOR COMPANY  
P.O. BOX 70  
HAGERSTOWN, MARYLAND 21741  
USA  
1-800-532-3667 301-733-3100

INTERNET: <http://www.JamisonDoor.com>  
E-MAIL: [Contact@JamisonDoor.com](mailto:Contact@JamisonDoor.com)

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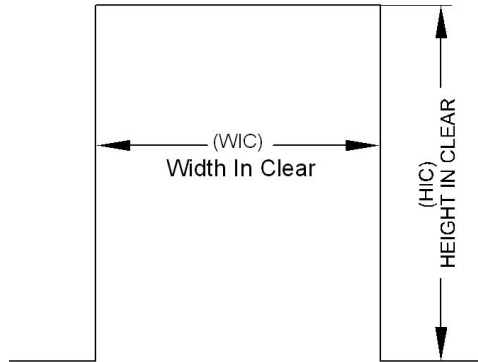
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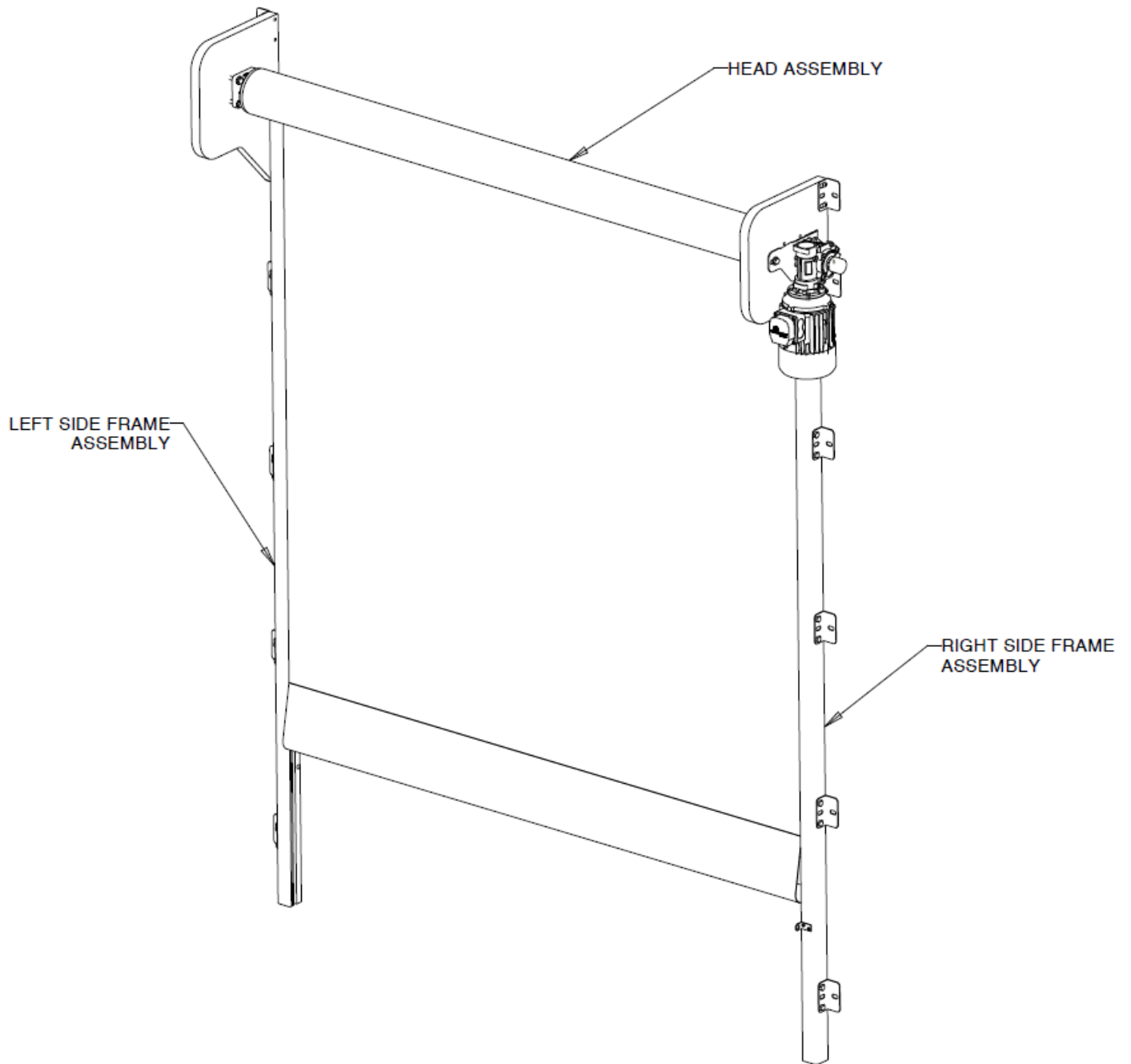
## 1. INSTRUCTION SHEET FOR ORDERING REPLACEMENT PARTS

### NOTES:

1. Sufficient information must be included with all orders so that we can give prompt and accurate service. The specific information needed includes:
  - a. The stock number, drawing number and name of the part
  - b. The door's serial number.
  - c. Whether the door is a right side or left side motor.
2. Parts highlighted in gray are no longer available.



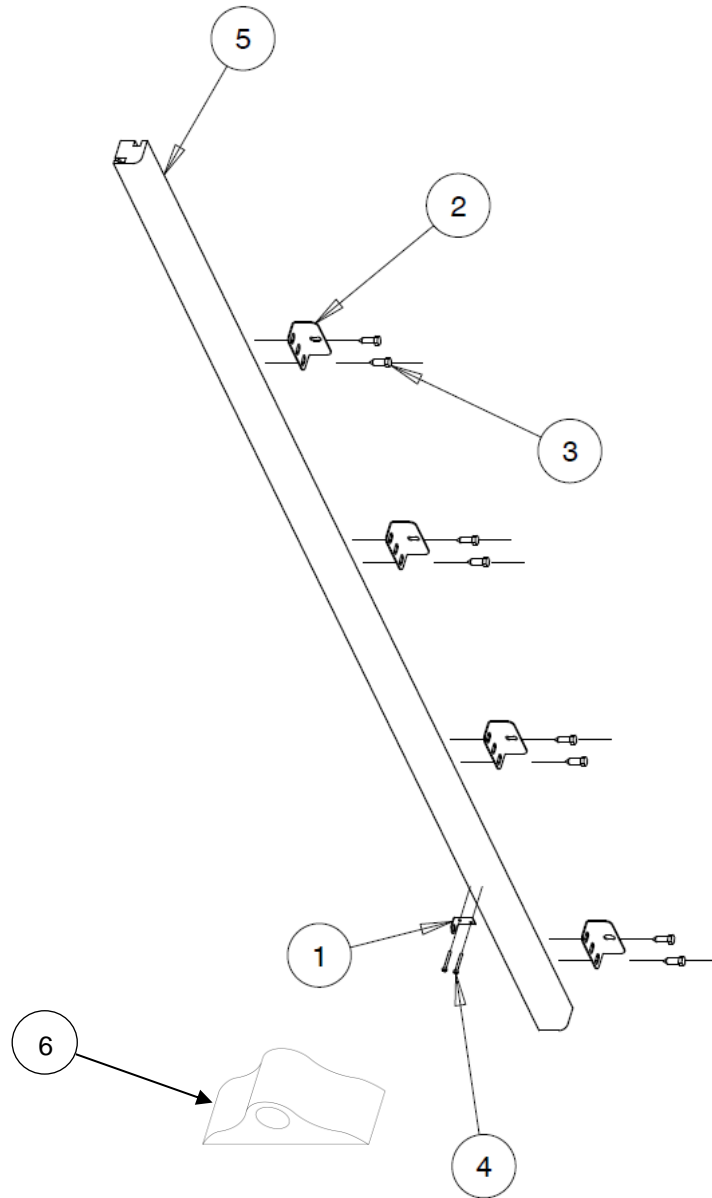
## 2. ASSEMBLY INFORMATION



### NOTES:

1. Right side motor assembly shown, left side opposite.

### 3. SIDE FRAME ASSEMBLY



**NOTES:**

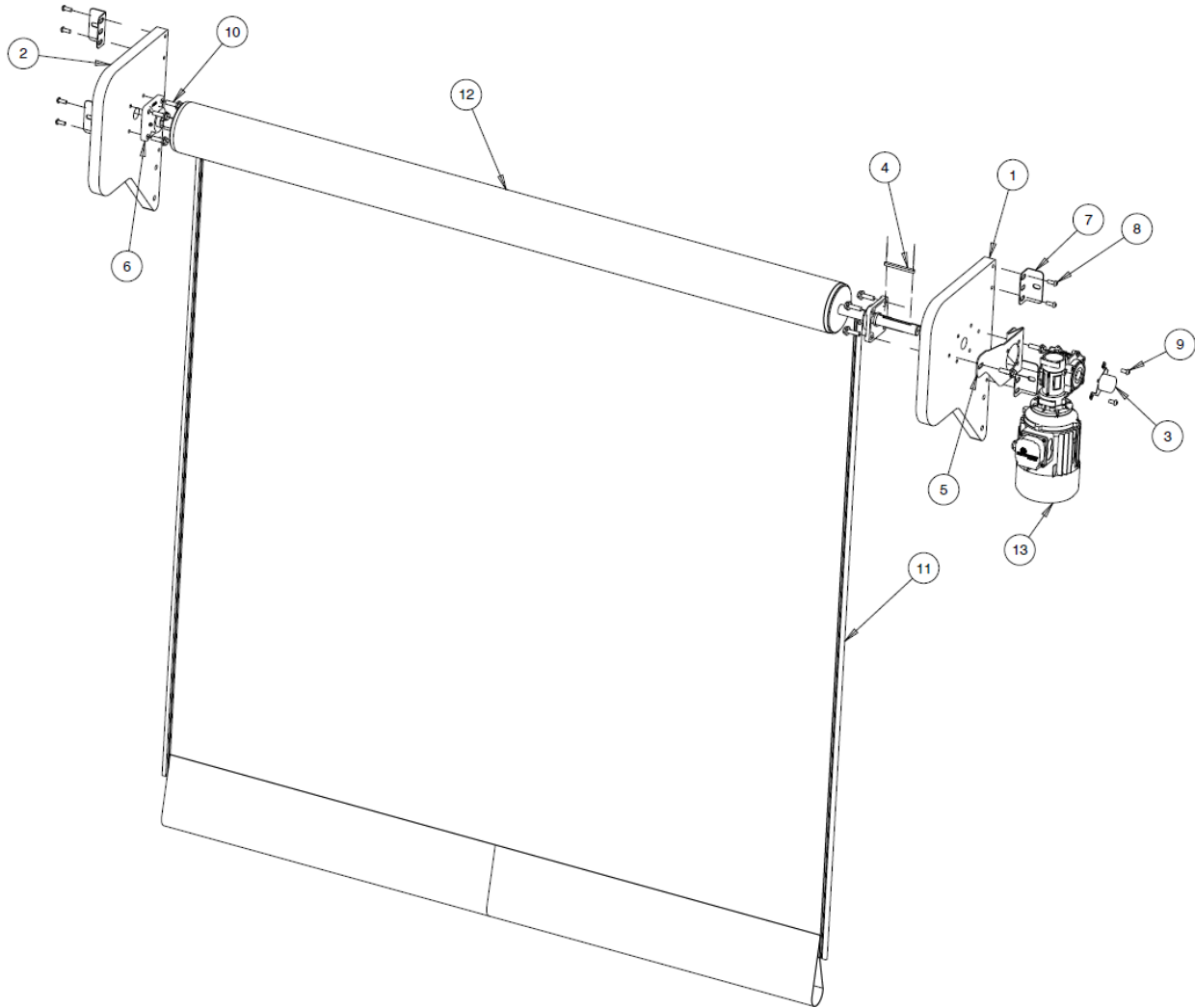
1. Motor side assembly shown, non-motor side does not have items 1 & 4.

Ref #	Group	Finish	Offset	Name of Part	Stock No.	Drawing No.
Assy.				Side Frame Complete Assembly (Motor-Side)	4487-173-XXB	4487-173
				Side Frame Complete Assembly (Non-Motor Side)		
1.				Photoeye Mounting Bracket (Motor Side Only)	4487-174-02B	4487-174
2.*				Side Frame Mounting Bracket	486-304B	4487-172
3.		SST		Lag Screw (3/8" x 1-1/4")	763-447B	
4.				Pan Head Screw (#8 x 1-1/2") (Motor Side Only)	765-365B	
5.*				Side Frame	019-031B	4487-173
6.				PE Photoeye Support, Plastic	019-036B	

\*When ordering, specify serial number.

**Note: See instruction sheet for ordering parts.**

## 4. HEAD ASSEMBLY



### NOTES:

1. Right side motor assembly shown, left side opposite.

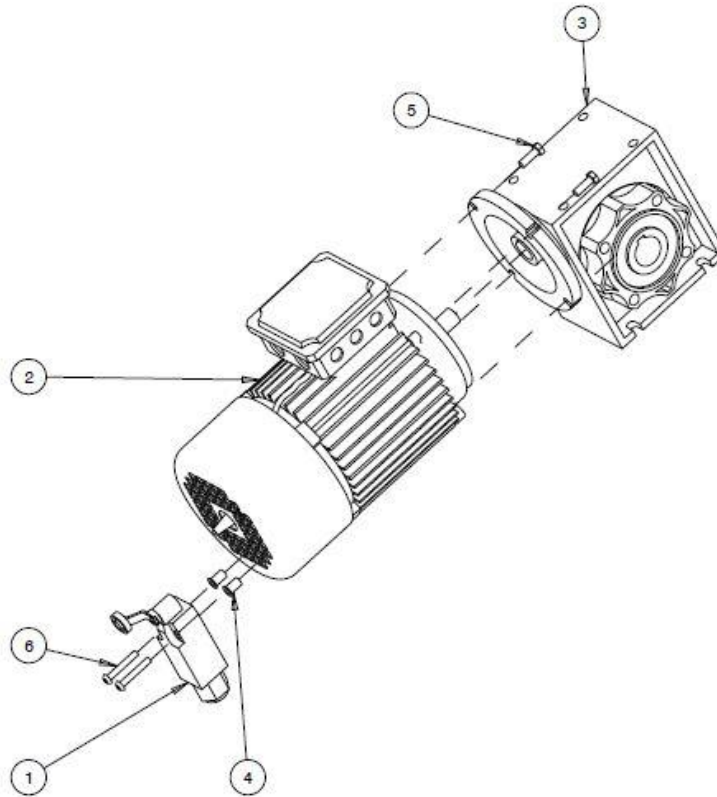
Ref #	Group	Finish	Offset	Name of Part	Stock No.	Drawing No.
Assy.				Complete Head Assembly	4487-170-XXB	4487-170
1.				Bearing Plate, Motor Side	019-033B	4487-176
2.				Bearing Plate, Non-Motor Side	019-034B	4487-136
3.				%Encoder Assembly	119-056B	
4.		SST		Keystock, Reducer	314-114B	
5.		SST		Mounting Bracket, Reducer	4487-017-02B	4487-017
6.		SST		Bearing	481-073B	
7.		SST		Side Frame Mounting Bracket	486-304B	4487-172
8.		SST		Lag Screw (3/8" x 1-1/4")	763-447B	
9.		SST		Button Head Bolt (M8 x 16mm)	761-327B	
10.		SST		Serrated Hex Flange Screw (M10 x 30mm)	761-402B	
11.*				Curtain Assembly	See Section 6	
12.*				Drum Assembly	4487-069-X2B	4487-69
13.*				Power Unit Assembly	See Section 5	

\*When ordering, specify serial number.

%For orders more recent than 119419, only the Encoder Assembly is needed. For serial number prior to 119419 (without spider cable) add Replacement Kit 448728901B for use with Encoder Assembly.

**Note: See instruction sheet for ordering parts.**

## 5. POWER UNIT ASSEMBLY



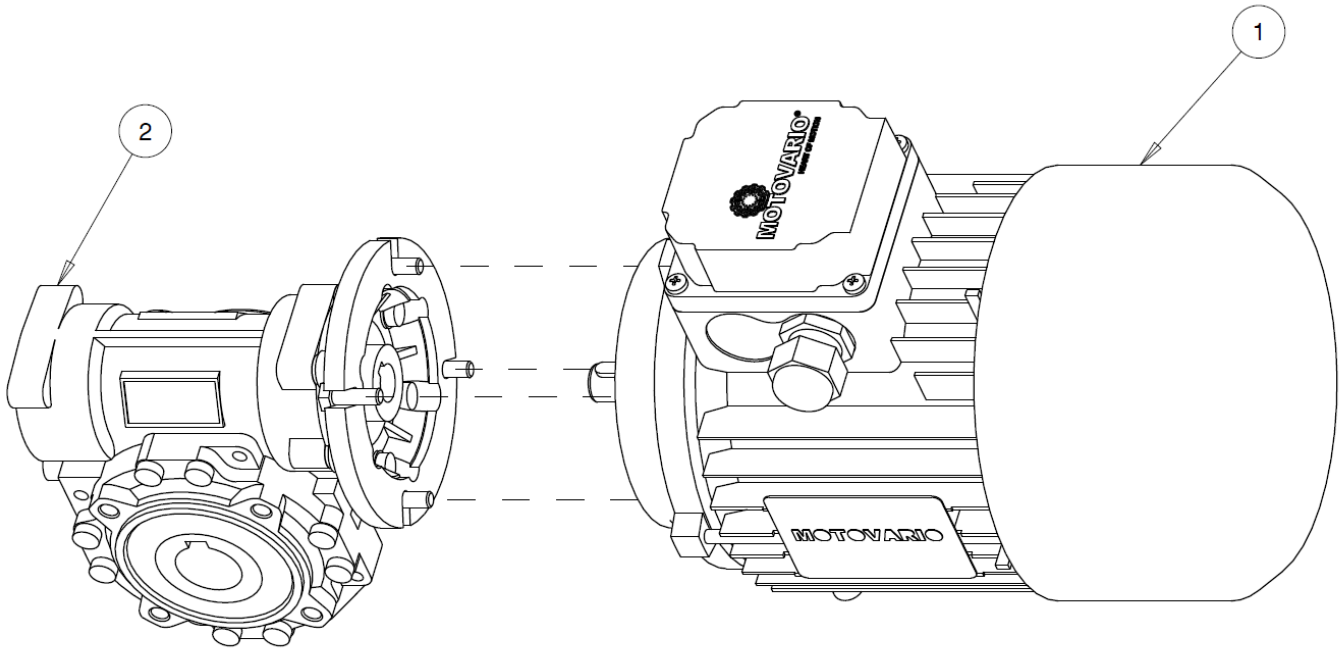
**STANDARD POWER UNIT**

Ref #	Group	Finish	Offset	Name of Part	Stock No.	Drawing No.
Assy.				Complete Power Unit Assembly	4487-087-XX	4487-87
1				Micro Safety Switch	113-020B	
2				Motor, M1.5N	113-030B	
3*				Reducer, 15:1	201-105B	
				Reducer, 30:1	201-106B	
4*		SST		Rivnut (M5 X 0.8)	759-092B	
5		Galv		Hex Cap Screw (M6 X 1 X 18mm)	761-036B	
6*		SST		Button Hex Head Bolt (M5 X 0.8 X 30mm)	761-328B	

\*When ordering, specify serial number.

**Note: See instruction sheet for ordering parts.**



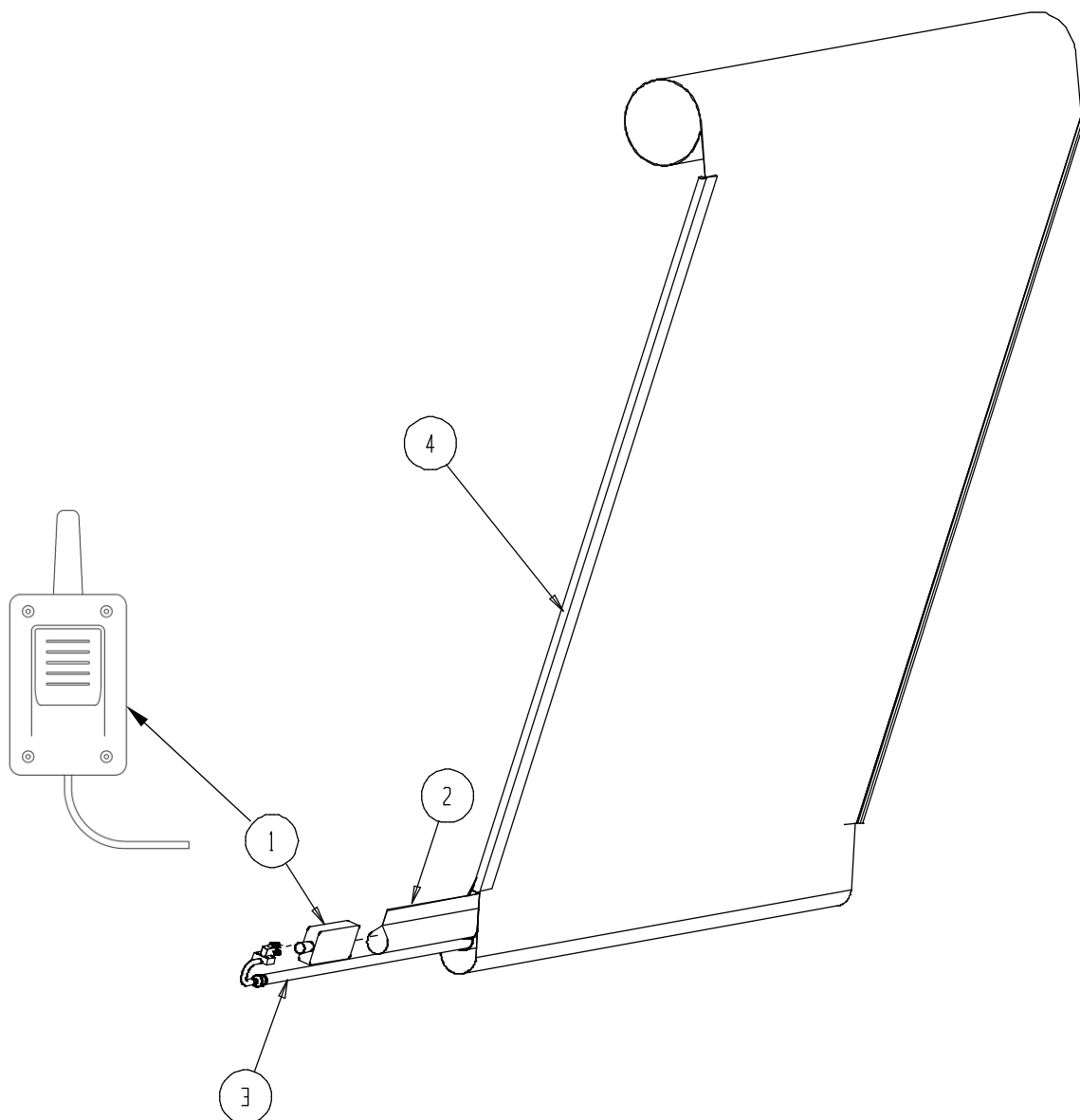


TROPICAL POWER UNIT

Ref #	Group	Finish	Offset	Name of Part	Stock No.	Drawing No.
Assy.				Complete Power Unit Assembly	4487-179-XX	4487-179
1.				Motor, .75kW	133-032B	
2.				Reducer, 40:1	201-108B	

**Note: See instruction sheet for ordering parts.**

## 6. CURTAIN ASSEMBLY



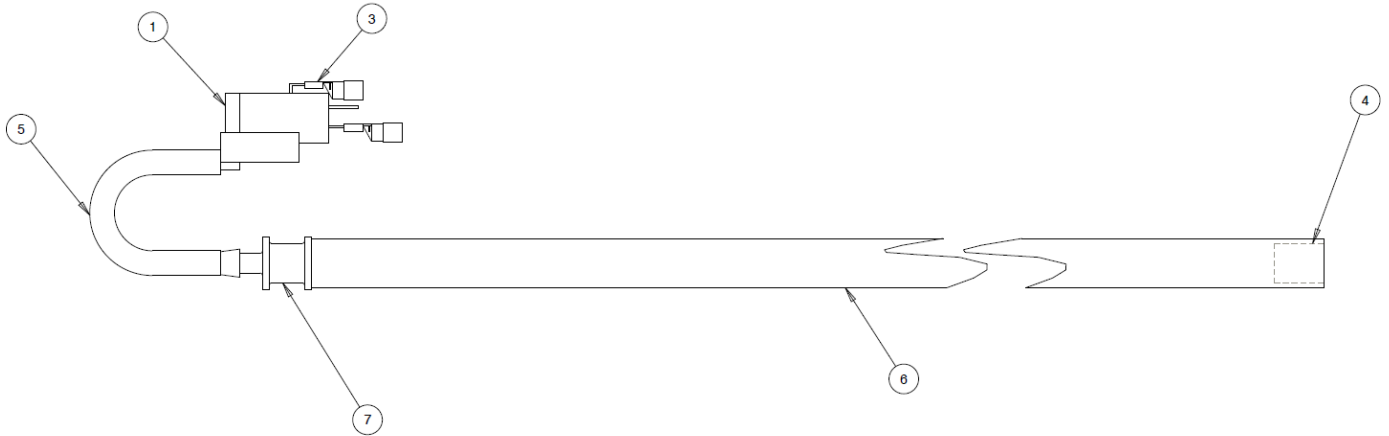
Partial View of Curtain Shown to Detail Bottom

Ref #	Group	Finish	Offset	Name of Part	Stock No.	Drawing No.
1				Wireless Transmitter and Receiver (Transmitter in Curtain, Receiver Wired to Control Panel)	119-042B	
2*				Ballast	4487-085-XXB	4487-85
3*				Pneumatic Reversing Edge Assembly	See Section 13	4487-125
4*				Curtain Assembly	4487-028-XXB	4487-28

\*When ordering, specify serial number.

**Note: See instruction sheet for ordering parts.**

## 7. PNEUMATIC REVERSING EDGE ASSEMBLY

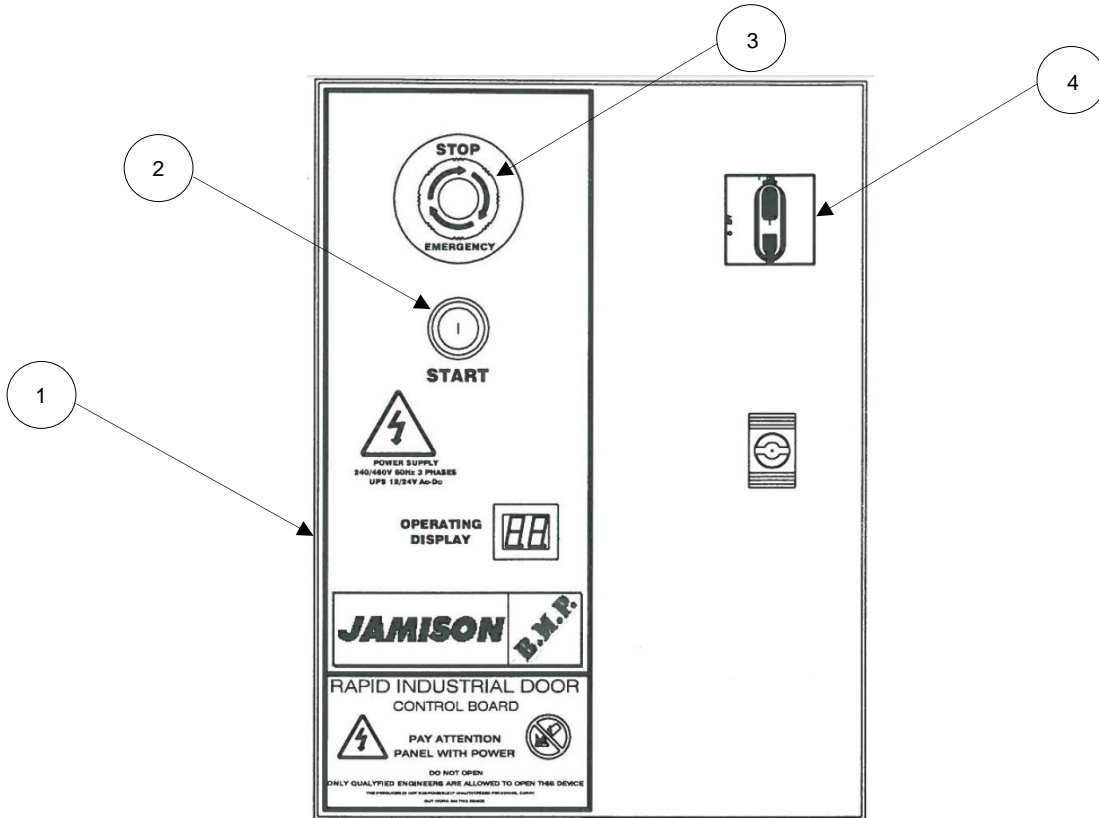


Ref #	Group	Finish	Offset	Name of Part	Stock No.	Drawing No.
Assy.				Reversing Edge Complete Assembly	4487-125-XX	4487-125
				Reversing Edge Complete Assembly (10' WIC)	4487-125-11B	4487-125
				Reversing Edge Complete Assembly (12' WIC)	4487-125-21B	4487-125
				Reversing Edge Complete Assembly (Custom)	4487-125-XXB	4487-125
1.				Pressure Sensitive Switch	113-220B	
2.				2 Conductor Wire (Black, Red) Not Shown	123-306B	
3.				Slip On Terminal (.187" x 22-18)	191-217B	
4.				End Plug	4390-167-01B	4390-167
5.*				Rubber Surgical Tubing (5/8" x 1/2" x 1/16")	4487-125-XXB	4487-125
6.				Barbed Tube Fitting (1/2" to 1/4")	559-121B	
7.				Clear Vinyl Hose (5/16" x 3/16" x 1/16")	4487-086-01B	4487-86

\*When ordering, specify serial number.

**Note: See instruction sheet for ordering parts.**

## 8. CONTROL PANEL



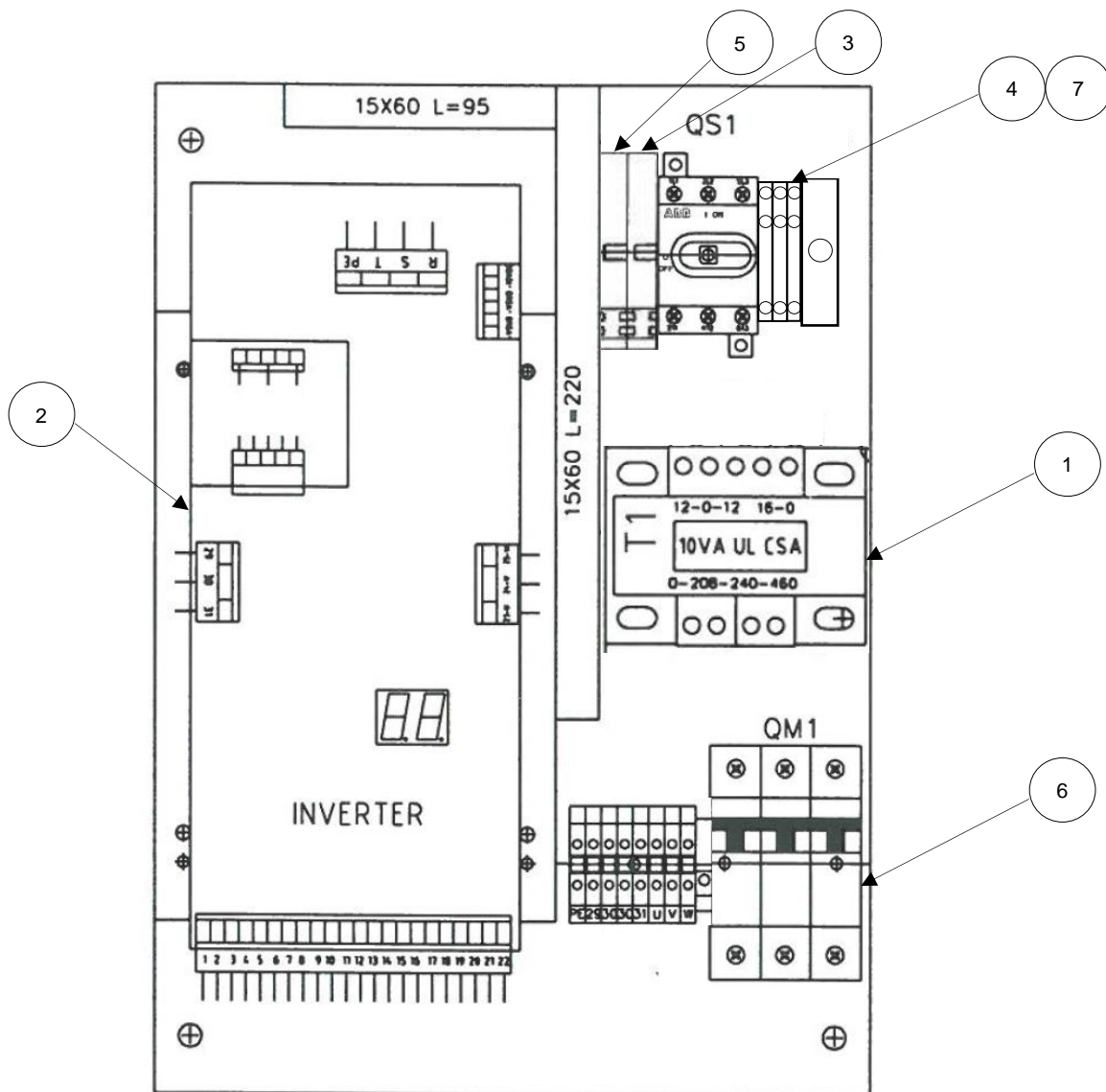
Ref #	Group	Finish	Offset	Name of Part	Stock No.	Drawing
1.*		PTD		Control Panel Assembly (NEMA1)	119-207B	
		SST		Control Panel Assembly (NEMA4X)	119-208B	
		PLASTIC		Control Panel Assembly (NEMA4X)	119-206B	
2.				Start Button (Green)	119-021B	
3.				E-Stop Switch	119-045B	
4.				On/Off Door Lock Switch	119-050B	
5.				Motor Wire (Not Shown)	121-035B	
7.*%				Spider Connector < 8' X 10' (Not Shown)	191-534B	
				Spider Connector < 10' X 16' (Not Shown)	191-535B	
				Spider Connector < 12' X 20' (Not Shown)	191-536B	
8.*%				Control Panel Receptacle for Spider (Not Shown)	191-537B	
9.*%				32ft Extended Control Panel Connector (Not Shown)	191-533B	
10.*%				Small Spider Wire Conversion Kit (After 6/27/16)	4487-270-01B	
				Medium Spider Wire Conversion Kit (After 6/27/16)	4487-270-11B	
				Large Spider Wire Conversion Kit (After 6/27/16)	4487-270-21B	

\*When ordering, specify serial number.

%Only for orders more recent than 119419

**Notes: See instruction sheet for ordering parts. Internal components are common for all NEMA applications.**

## 9. CONTROL PANEL COMPONENTS



**NOTES:**

1. ENCLOSURE COVER NOT SHOWN FOR CLARITY

Ref #	Group	Finish	Offset	Name of Part	Stock No.	Drawing
1.				Transformer, 10VA For 208, 230, 460.	115-133B	
2.				Control Card, 3 Phase	115-003B	
				Control Card, Single Phase	115-001B	
3.				630V Fuse Holder	170-069B	
4.				Terminal Block (460/480V only)	170-028B	
5.				160 mA Fuse for 460V (Not Shown)	116-133B	
				250 mA Fuse for 208/230V (Not Shown)	116-132B	
6.				15 Amp Fuse (Not Shown)	116-111B	
7.				510V MOV/Varistor (460/480V only) (Not Shown)	119-294B	

**NOTE: See instruction sheet for ordering parts.**

## 10. MISCELLANEOUS PARTS

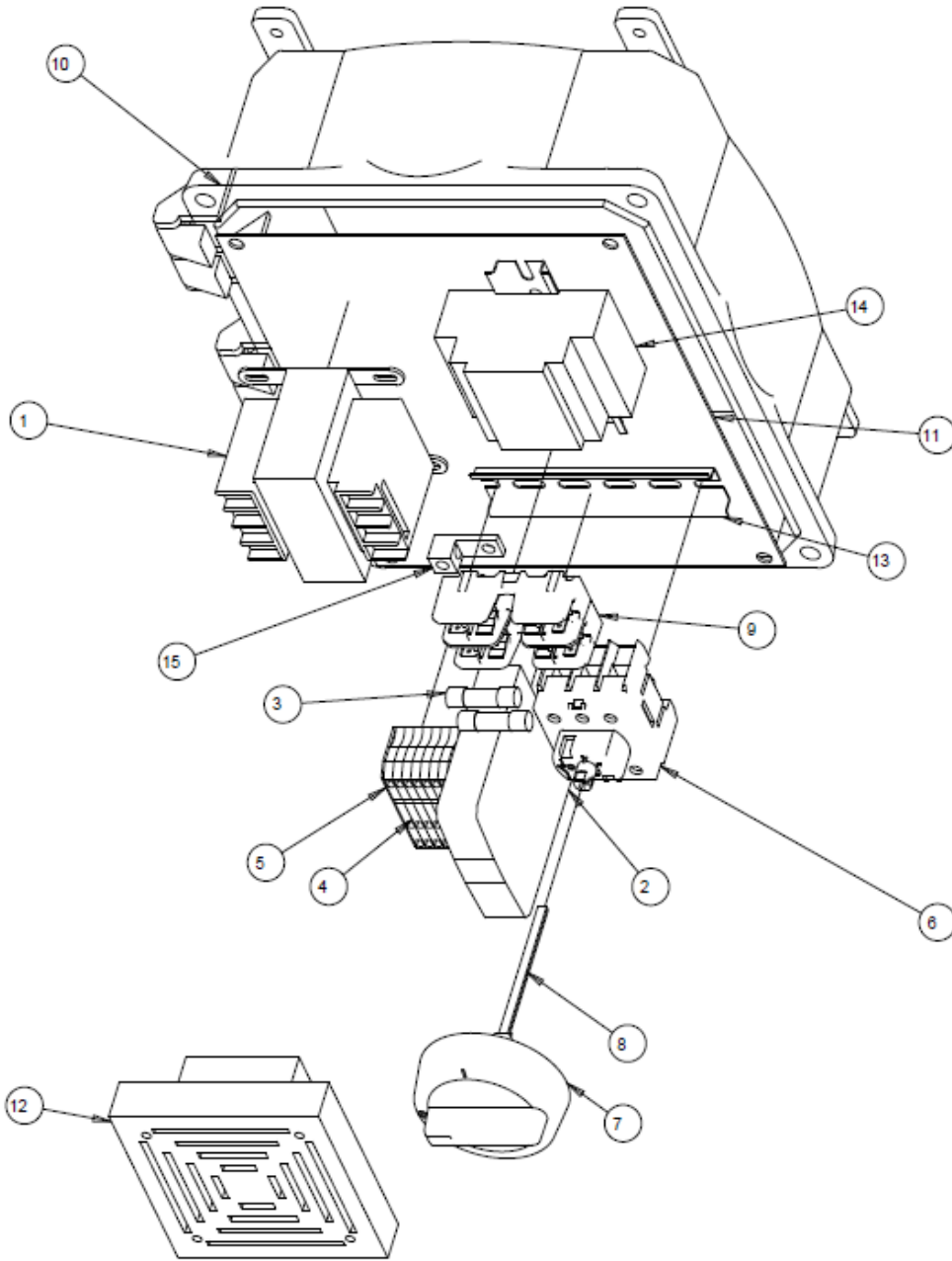
### A. PHOTOEYE PAIR



Ref #	Group	Finish	Offset	Name of Part	Stock No.	Drawing
Assy.				Photoeye Conversion Kit (Contains Items 1 & 2) (For doors shipped before 05/21/2014)	4487-161-01B	
1.				Photoeye Pair	119-122B	
2.				Photoeye Receiver	119-123B	
3.				Photoeye Transmitter	119-124B	
4.				3 Conductor Cable (Not Shown)	119-292B	

**Note: See instruction sheet for ordering parts.**

## B. Sight Sound Safety System

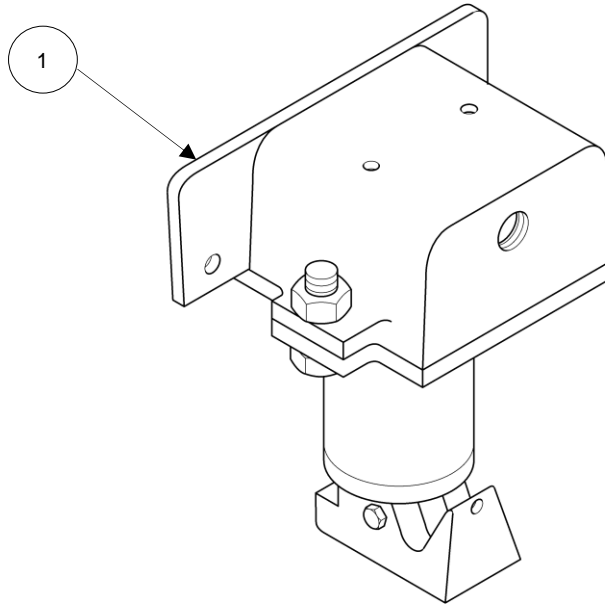


Ref #	Group	Finish	Offset	Name of Part Stock	Stock No.	No. Drawing
1				Transformer	115108	
2				Power Supply	115138	
3				Fuse, 3A	116108	
4				Terminal Block	170030	
5				Terminal Barrier Block	170048	
6				Disconnect Switch	170077	
7				Selector Handle	170078	
8				Selector Handle Shaft	170079	
9				Fuse Holder	191166	
10				Polycarbonate Enclosure	191547	
11				Panel	191548	
12				Washdown Buzzer	199102	
13				Din Rail	439040602	4390406
14				Logic Smart Relay	449300301	
15				Grounding Lug	191355	
16				Wire #18-3 (Not shown)	121015	
17				Light Strip(Not shown)	199104	
18				LED Countdown (Not shown)	199103	
				Safety System w/ PS	449300101	4493001
				Safety System w/o PS	449300111	4493001

**Note: 449300101 HAS POWER SUPPLY, BUT 449300111 DOES NOT**



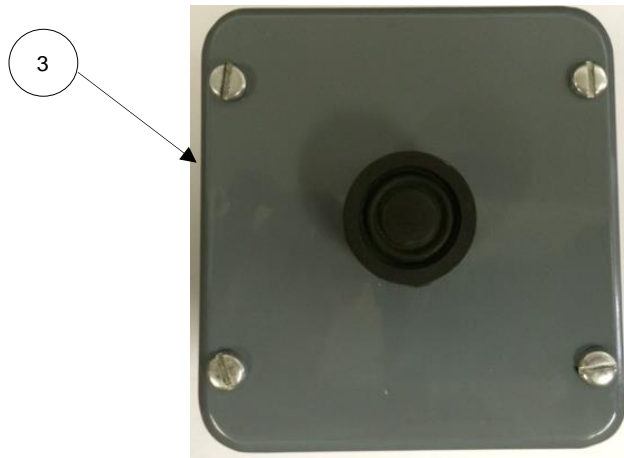
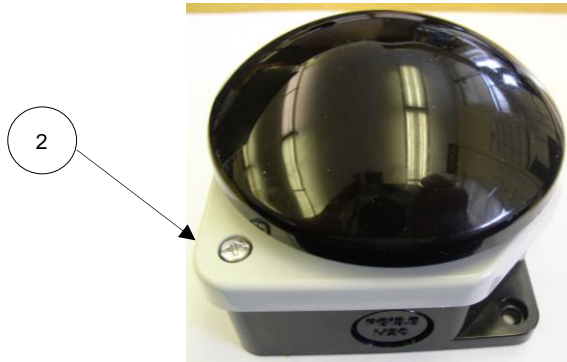
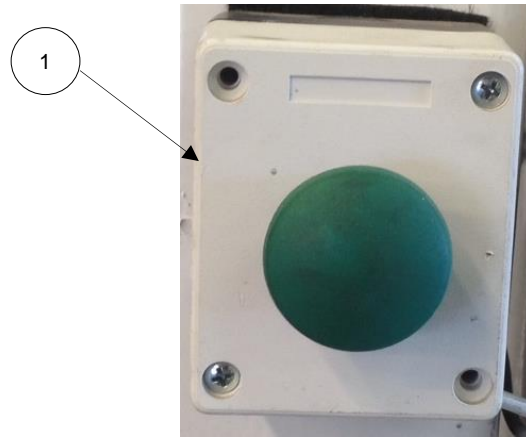
C. PULL CORD SWITCH



Ref #	Group	Finish	Offset	Name of Part	Stock No.	Drawing
1.				Complete WPS Switch Assembly (w/o Heat)	113-218B	
				Complete WPS Switch Assembly (w/Heat)	113-219B	
				Complete WPS Switch Assembly (w/ 220V Heat)	4285-099-01B	4285-99
2.				Pull Cord Rope Vinyl 60' (Not Shown)	4285-049-01B	4285-49

**Note: See instruction sheet for ordering parts.**

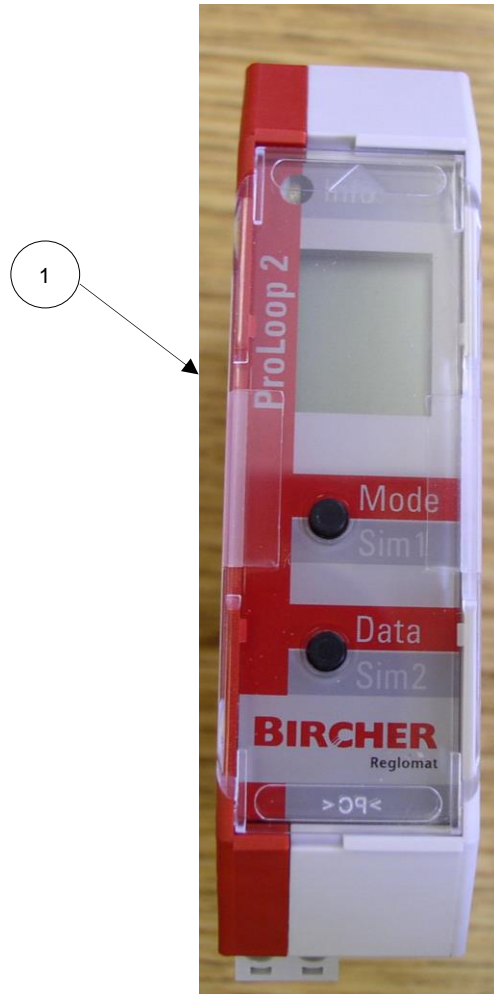
D. PUSH BUTTON



Ref #	Group	Finish	Offset	Name of Part	Stock No.	Drawing
1.				Lovato Green Push Button Complete Assembly	4487-123-01B	
2.				Giovenzana International Push Button Assembly	119-020B	
3.				NEMA 4 Push Button Assembly (w/out heat)	119-019B	
				NEMA 4 Push Button Assembly (w/ 120V Heat)	4390-332-01B	
				NEMA 4 Push Button Assembly (w/ 220V Heat)	4390-332-02B	

**Note: See instruction sheet for ordering parts.**

E. FLOOR LOOP



NOTES:

1. Floor Loop Module shown outside of control panel for clarity.

Ref #	Group	Finish	Offset	Name of Part	Stock No.	Drawing
1.				Floor Loop Module	119-034B	
2.				Backer Rod BR-125 1/4" Dia (Not Shown)	119-018B	
3.				Wire, DSI-120 1/8" Dia (500ft/Roll) (Not Shown)	119-017B	

**Note: See instruction sheet for ordering parts.**

F. MOTION DETECTOR



Ref #	Group	Finish	Offset	Name of Part	Stock No.	Drawing
1.				APRO 20	119-043B	
2.				BEA Falcon	119-033B	
3.				BEA #10 Eagle1 HM	119-005B	
4.				Remote for Falcon/Eagle (Not Shown)	119-006B	

**Note: See instruction sheet for ordering parts.**

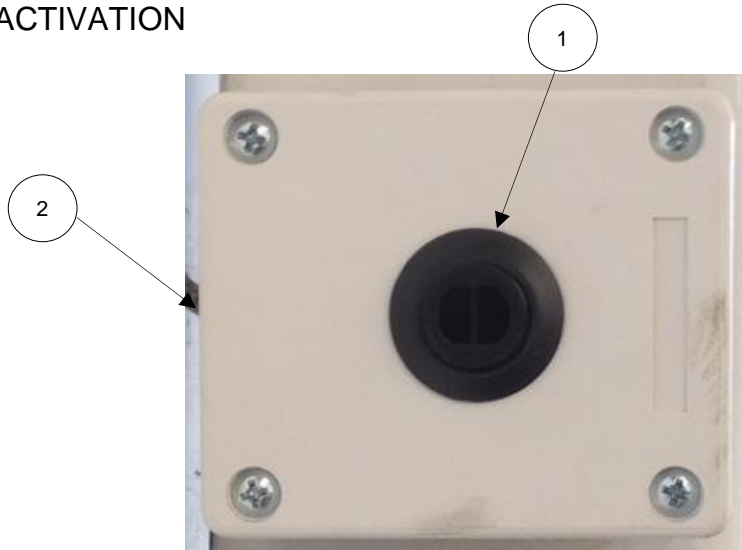
G. UNROLL SENSOR



Ref #	Group	Finish	Offset	Name of Part	Stock No.	Drawing
3.				SICK Prox Sensor for Spider Adapter	119-052B	

**Note: See instruction sheet for ordering parts.**

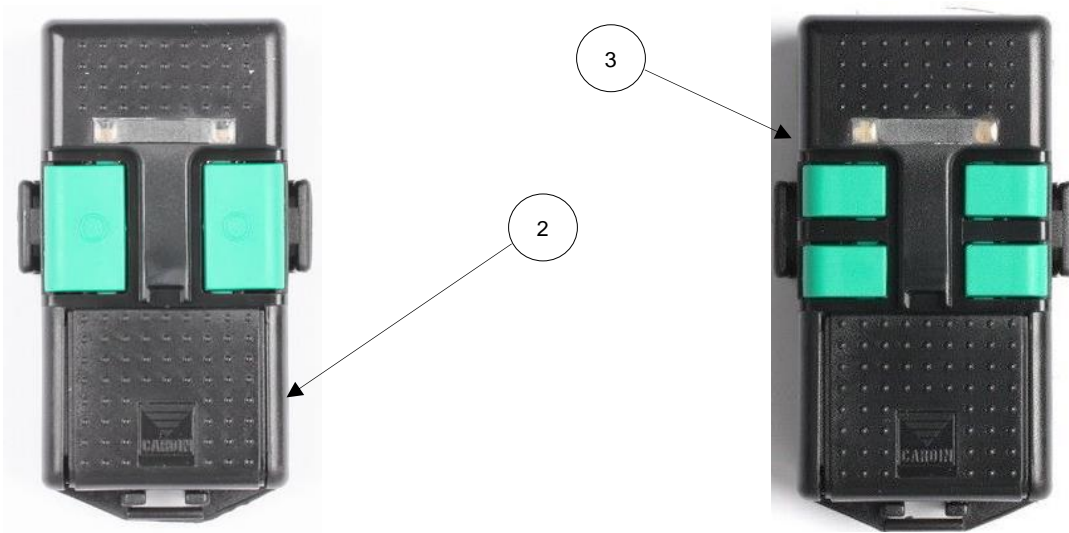
## H. TOUCHLESS ACTIVATION



Ref #	Group	Finish	Offset	Name of Part	Stock No.	Drawing
Assy.				Touchless Activation Sensor and Housing	4487-146-01B	
1.				Proximity Sensor	119-035B	
2.				Housing, Lovato 8L2PP1A8	191-082B	
3.				4 Conductor Cable (Not Shown)	119-293B	

**Note: See instruction sheet for ordering parts.**

I. RADIO CONTROL



Ref #	Group	Finish	Offset	Name of Part	Stock No.	Drawing
1.				Radio Control Reciever	119-037B	
2.				2-Button Radio Transmitter	119-038B	
3.				4-Button Radio Transmitter	119-039B	
4.				12V Battery (Not Shown)	199-091B	

**Note: See instruction sheet for ordering parts.**