

Modifications List

The following chart provides a list of modifications which are available. For more details about these modifications, please refer to the following pages.

Note: Pricing is valid for only one modification/operator and when the modification is purchased in conjunction with the operator. If more than one modification is required on the same operator, please consult inside sales for compatibility and price.

- ★ Standard feature with **BOARD 070M**
- ✓ Standard feature
- Available feature
- Note (see page 63 for note descriptions)
- Ⓜ Monitored Electronic Control Type
- ⓪ Electromechanical (Hardwired) Type
- ⓘ Consult inside sales

Description	Code	Control Type	Page	OMJ/OMH	OPJ	OPH	OHJ	OSH	MSJ	OGH	MGH/MRGH	OMT	OTH	OTH-A.00	OTBH	OTBH-A.00	OTBH-A.05	MGT	OSL	MGSL	RSH/RVH/RMSJ	RTBH	OTH-A.06	OTBH-A.06	
				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
B2 operating mode	MOD001	Ⓜ/0	64	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
D1 operating mode	MOD002	Ⓜ/0	64	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
Delay on reverse	MOD003	Ⓜ	64	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
Delay on reverse, H-D	MOD003	0	64	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Delay on reverse, M-D	MOD003A	0	64	●								●													
Fail safe sens. edge circuit	MOD004	0	64	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Mid-stop	MOD005	Ⓜ	64	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	8	★	★
Reverse limits	MOD007	Ⓜ/0	64	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Double limit switches	MOD008	Ⓜ/0	64	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Auxiliary contact block	MOD009	0	64		●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●			1
Two door interlock	MOD010	Ⓜ/0	65	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Long dist. control wiring	MOD011	0	65		●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●			
Non-resettable counter, inside	MOD012	0	65		●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●			
Non-resettable counter, inside	MOD012B	Ⓜ	65	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	✓	✓	●
Timer to close (TTC)	MOD013	Ⓜ	65	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
Timer to close (TTC), H-D	MOD013	0	65		●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●				
Timer to close (TTC), M-D	MOD013A	0	65	●								●													
TTC for warning lights	MOD014	0	65		●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●				
TTC from Mid-Stop	MOD015	Ⓜ	65	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	8	★	★
Wiring for traffic lights	MOD016A	0	66		●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●
Wiring for traffic lights	MOD016B	Ⓜ	66		●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●
Maximum run timer	MOD017	Ⓜ	66	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
Maximum run timer	MOD017A	0	66		●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●				
Control circuit 120V/1Ph	MOD019A	0	66		●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●				
Control circuit > 120V/1Ph	MOD019B-E	0	66		●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●				
Safepack, 24V	MOD021A	0	66		ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	●	●		ⓘ		ⓘ				●	ⓘ	●				
Univ. aux. output module	MOD027B	Ⓜ	66		●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●
N1 to N4X M-photo upgrade	MOD035	Ⓜ	67	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	✓	✓	✓
N1 to N4X Refl. M-photo	MOD038	Ⓜ	67	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
N4X to N4X Refl. M-photo	MOD040	Ⓜ	67														●					●	●	●	
Wireless air switch receiver	MOD084	Ⓜ	67	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Y-Connector merging module	MOD086	Ⓜ	67	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Double limit switches 4 positions	MOD155	Ⓜ	67	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Wiring for LED light strip	MOD168A	Ⓜ	67	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●



Modifications List

- 1 Available in conjunction with MOD110
- 2 Available only with 1/2HP operators
- 3 Hoist on left, please consult inside sales
- 4 Available only with 1/2HP-2HP operators ; standard with MGH 2HP/3HP and MRGH
- 5 Available only with operators above 1/2HP
- 6 Standard with Silencio® OTBH-A.06
- 7 Available only on N4/12 (W) and/or N4X (C) type operators (pages 54-57)
- 8 Available only with RSH, RMSJ

Description	Code	Control Type	Page	OMJ/OMH	OPJ	OPH	OHJ	OSH	MSJ	OGH	MGH/MRGH	OMT	OTH	OTH-A.00	OTBH	OTBH-A.00	OTBH-A.05	MGT	OSL	MGSL	RSH/RVH/RMSJ	RTBH	OTH-A.06	OTBH-A.06
Friction clutch, #50 chain	MOD050	Ⓜ/0	68							●	●													
Friction clutch, #60 chain	MOD051	Ⓜ/0	68							●	●													
Double 4L V-belt	MOD055	Ⓜ/0	68										●		●									
Double Ax cogged V-belt	MOD055A	Ⓜ/0	68										●		●	●								
Aux. trolley, #41 chain	MOD060	Ⓜ/0	68		●	●	●	●	●	●	●													
Dual aux. trolley, #41 chain	MOD061	Ⓜ/0	68		●	●	●	●	●	●	●													
Dual trolley drive, #48 chain	MOD062	Ⓜ/0	68										2		2									
Dual trolley drive, #41 chain	MOD063	Ⓜ/0	69										5	●	5	●	●	●					●	
Trolley hoist, #48 chain	MOD064B	Ⓜ/0	69									●	2		2									
Trolley hoist, #41 chain	MOD065B	Ⓜ/0	69										5	●	5	●	●						●	●
Chain hoist	MOD066	Ⓜ/0	69	●	●								●	●	●	●	●	●						●
Chain Hoist, N4/12-4X Chain	MOD066WC	Ⓜ/0	69	●	●								●	●	●	●	●	●						●
P.B. bearings, output, Opera	MOD068	Ⓜ/0	69		●	●	●	✓	✓													✓		
P.B. bearings, input, trolley	MOD069	Ⓜ/0	69										●	✓	●	✓	✓		●		✓	✓	✓	
P.B. bearings, output, trolley	MOD072	Ⓜ/0	70										●	●	●	●	✓	●	●	●		✓	✓	
Front idler, heavy-duty	MOD073	Ⓜ/0	70										●	●	●	●	●	●	●					
Hand crank, 4'/6.5'	MOD074A/B	Ⓜ/0	70	i	i	i	i	i	i	●	●													
Minimum depth mounting	MOD078	Ⓜ/0	70										●	●	●	●	●						●	
Minimum depth mounting	MOD078A	Ⓜ/0	70																					●
Contactoer ECB driven	MOD110	Ⓜ/0	70		●	●	●	●	●	●	●		●	●	●	●	●	●	●	●				●
Solenoid brake option	MOD111	Ⓜ/0	70		●																			
Limit shaft speed-up	MOD112	Ⓜ/0	70	●	●	●	●	●	●	●														
Drum brake option, apart.	MOD113	Ⓜ/0	70												●	●	✓							6
Subframe reinforcement (≥3HP)	MOD119	Ⓜ/0	70								●													
Solenoid anti-vibration	MOD121A	Ⓜ/0	70					●	●						●	●	✓		●					6
Motor anti-vibration mount	MOD121B	Ⓜ/0	70	●	●	●	●	●	●										●					✓
Trolley slow-down option	MOD124	Ⓜ/0	71										●	●	●	●	●	●	●					
Limit speed-up kit, #41 chain	MOD125	Ⓜ/0	71								●													
Limit chain on left	MOD126A	Ⓜ/0	71	i	●	i	i	i	i	i	i													
Limit chain on right	MOD126B	Ⓜ/0	71	i	✓	i	i	i	i	i	i													
Cogged V-belt upgrade	MOD130	Ⓜ/0	71					●	●				●	●	●	●	✓		●			✓	✓	
Drive chain guard	MOD141A	Ⓜ/0	71																●		●			
Horizontal mounting	MOD158	Ⓜ/0	71							●														
Centermount	MOD164A	Ⓜ/0	71		●																			
Centermount disc. cable 35'	MOD165	Ⓜ/0	71		●																			
In-line friction clutch (1/2 - 2HP)	MOD172A	Ⓜ/0	71							●	●								✓		✓			
In-line friction clutch (≥ 3HP)	MOD172B	Ⓜ/0	71							●									✓		✓			
TEFC motor upgrade	MOD080	Ⓜ/0	72		●	3		3	3	●	4		●	●	●	●	●	●	●	●	●			✓
Synthetic oil upgrade	MOD114	Ⓜ/0	72							●	●								●		●			
Bird nest protection	MOD148	Ⓜ/0	72										●		●				●				●	●
Heater in reducer	MOD161	Ⓜ/0	72							7	7								7		7			
Heater in control encl.	MOD162	Ⓜ/0	72		7	7	7	7	7	7	7		7	7	7	7	7	7	7	7	7	7	7	7
Heater in reducer, control encl.	MOD163	Ⓜ/0	73							7	7								7		7			



Control Modifications

The following modifications will provide additional control or protective features. They can be factory installed in the operator control box. Please refer to the summary table (pages 62-63) to verify the availability of a specific modification for a specific operator model.

Note: Pricing is valid for only one modification/operator and when the modification is purchased in conjunction with the operator. If more than one modification is required on the same operator, please consult inside sales for compatibility and price.

★ Standard feature with **BOARD 070M**

Please consult inside sales for additional modifications

Code	Description
MOD001 ★	<p>B2 Operating Mode B2 Operating Mode only functions if a monitored entrapment protection device is connected. Momentary contact to open, close and stop with 3 push-button station. Activation of the monitored or non-monitored entrapment protection devices will reverse the door while closing. Auxiliary devices to function as open-close controls and to reverse the door while closing. Applies to: All operator models and control panels.</p>
MOD002 ★	<p>D1 Operating Mode Constant-pressure-to-open and constant-pressure-to-close with a 3 push-button station. Activation of the monitored or non-monitored entrapment protection devices will stop the door while closing. Applies to: All operator models and control panels.</p>
MOD003 ★	<p>Delay on Reverse, Electronic Controls Door will stop for 1.5s during the closing cycle and then reverse to the fully open position. Ideal for large doors and high-cycling applications. Also available as a modification kit (MODKIT003) for in the field upgrades for electromechanical controls, see (page 87). Applies to: All operator models and control panels.</p>
MOD003	<p>Delay on Reverse, Heavy-Duty Electromechanical Controls For Electromechanical Control “0” Type. Same features as above. Also available as a modification kit (MODKIT003) for in the field upgrades for electromechanical controls, see (page 87). Applies to: OPJ/OPH/OHJ/OSH/MSJ/OGH/MGH/MRGH/OTH/OTH-A.00/OTBH/OTBH-A.00/OTBH-A.05/MGT/OSL/MGSL.</p>
MOD003A	<p>Delay on Reverse, Medium-Duty Electromechanical Controls For Electromechanical Control “0” Type. Same features as above, but for medium-duty operators. Applies to: OMJ/OMH/OMT.</p>
MOD004	<p>Fail Safe Sensing Edge Circuit For Electromechanical Control “0” Type. Circuit which oversees sensing edge operation. When the system becomes inactive, the door opens and remains open until the system has been verified and is operational. Also available as a modification kit (MODKIT004) for in the field upgrades for electromechanical controls, see (page 87). Note: 4-wire sensing edge is required (\$). Applies to: All operators models except RSH/RVH/RSMJ/RTBH/OTH-A.06/OTBH-A.06.</p>
MOD005 ★	<p>Mid-stop Feature, Electronic Controls Door will stop at a predetermined position when an open signal is given from the fully closed position. The radio control or close push-button will close the door from the mid-stop position. The door will open fully from the mid-stop position if the open button is activated. Applies to: All operator models except RVH.</p>
MOD007	<p>Reverse Limits Necessary feature when the opening and closing of the door corresponds to a different rotational direction than the operator. Applies to: All operator models.</p>
MOD008	<p>Double Limit Switches (Per Side) An extra SPDT pole is available to control auxiliary features such as lights, fans, etc. The additional pole must be specified on either the normally open and/or normally close contact, as well as on the opening and/or closing sides. Applies to: All operator models.</p>
MOD009	<p>Auxiliary Contact Block (Per Side) For Electromechanical Control “0” Type. Contact block (with 1 N.O. and 1 N.C.) is inserted on either the opening and/or closing side of the contactor in order to control auxiliary devices such as lights, fans, etc, when the operator is running. Applies to: OPJ/OPH/OHJ/OSH/MSJ/OGH/MGH/MRGH/OTH/OTH-A.00/OTBH/OTBH-A.00/OTBH-A.05/MGT/OSL/MGSL/OTH-AM06/OTBH-AM06.</p>



Control Modifications

★ Standard feature with **BOARD 070M**

Please consult inside sales for additional modifications

Code	Description
MOD010	<p>Two Door Interlock A two door operating system that allows one door to operate only if the other door on the same system is closed. Must be ordered for each operator. Applies to: All operator models.</p>
MOD011	<p>Long Distance Control Wiring, 24V For Electromechanical Control "0" Type. Used when controls need to be located at an extended distance from the operator, see (page 8). Also available as a modification kit (MODKIT011) for in the field upgrades for electromechanical controls, see (page 87). ⚠ Controls should be placed so that the user has full view of the door when operating. Applies to: OPJ/OPH/OHJ/OSH/MSJ/OGH/MGH/MRGH/OTH/OTH-A.00/OTBH/OTBH-A.00/OTBH-A.05/MGT/OSL/MGSL.</p>
MOD012	<p>Non-resettable Counter, Inside Control Box, Electromechanical Controls For Electromechanical Control "0" Type. An electromechanical counter is activated to count each complete door cycle. The counter is mounted either inside the operator's control box. Also available as a modification kit (MODKIT012) for in the field upgrades for electromechanical controls, see (page 80). Applies to: OPJ/OPH/OHJ/OSH/MSJ/OGH/MGH/MRGH/OTH/OTH-A.00/OTBH/OTBH-A.00/OTBH-A.05/MGT/OSL/MGSL.</p>
MOD012B	<p>Non-resettable Counter, Inside Control Box, Electronic Controls An electromechanical counter is activated to count each complete door cycle. The counter is mounted inside the operator's control box. Also available as a modification kit (MODKIT012) for in the field upgrades for electronic controls, see (page 87). Applies to: OMJ/OMH/OPJ/OPH/OHJ/OSH/MSJ/OGH/MGH/MRGH/OMT/OTH/OTH-A.00/OTBH/OTBH-A.00/OTBH-A.05/MGT/OSL/MGSL/OTH-A.06/OTBH-A.06. Standard on RSH/RVH/RMSJ/RGH/RTBH models.</p>
MOD013 ★	<p>Timer to Close, Electronic Controls When programmed, the feature closes the door from the fully opened position after a factory preset time (5s). Programmable increments of 1s or 15s. Max. 4m. Applies to: All operator models.</p>
MOD013	<p>Timer to Close, Heavy-Duty Electromechanical Controls For Electromechanical Control "0" Type. 3-button open/close/stop function, including timer. Will start cycle, reverse and refresh the timer from auxiliary control and reserving devices. Time delay programmable: 0-6000m. TTC from fully open position is also available as a modification kit (MODKIT013) for in the field upgrades for electromechanical controls, see (page 87). Also available for as a modification kit (MODKIT013A) for medium-duty applications in the field, see (page 87). Applies to: OPJ/OPH/OHJ/OSH/MSJ/OGH/MGH/MRGH/OTH/OTH-A.00/OTBH/OTBH-A.00/OTBH-A.05/MGT/OSL/MGSL.</p>
MOD013A	<p>Timer to Close, Medium-Duty Electromechanical Controls For Medium-Duty Electromechanical Control "0" Type. Same as MOD013 but for Medium-Duty operators. Time delay programmable: 0-6000m. Applies to: OMJ/OMH/OMT.</p>
MOD014	<p>Timer to Close Wired for Warning Lights For Electromechanical Control "0" Type. 3-button open/close/stop function, including timer. Will start cycle, reverse and refresh the timer from auxiliary control and reversing devices. Time delay programmable: 1-230s. Includes connections for red and green lights. Note: Available with single and 3-phase operators. TXBOX not included (\$). Consult inside sales for use with TRAFFIC029. An extra 100VA transformer (\$) may be required for operators other than 120V. Applies to: OPJ/OPH/OHJ/OSH/MSJ/OGH/MGH/MRGH/OTH/OTH-A.00/OTBH/OTBH-A.00/OTBH-A.05/MGT/OSL/MGSL.</p>
MOD015 ★	<p>Timer to Close From Mid-Stop, Electronic Controls When programmed, the feature closes the door from the mid-stop position after a factory preset time (5s). Programmable increments of 1s or 15s. Max. 4m. Applies to: All operator models except RVH.</p>



Control Modifications

★ Standard feature with **BOARD 070M**

Please consult inside sales for additional modifications

Code	Description
MOD016A	<p>Wiring for Traffic Lights, Electromechanical Controls For Electromechanical Control “0” Type. Controlling action for red and green warning lights. Non-programmable. Traffic lights are sold separately, see (page 83). Green light goes on when the door is fully open and the red light stays on when the door is opening/closing and is fully closed. Note: Mainly applies to 120V/1Ph operators. Consult inside sales if MOD016 is needed on other voltages (single or 3-phase), an extra 100VA transformer (\$) may be required for operators other than 120V. Same as above but different program sequences are available. Applies to: OPJ/OPH/OHJ/OSH/MSJ/OGH/MGH/MRGH/OTH/OTH-A.00/OTBH/OTBH-A.00/OTBH-A.05/MGT/OSL/MGSL.</p>
MOD016B	<p>Wiring for Traffic Lights, Electronic Controls Same as above but different program sequences are available. Applies to: OPJ/OPH/OHJ/OSH/MSJ/OGH/MGH/MRGH/OTH/OTH-A.00/OTBH/OTBH-A.00/OTBH-A.05/MGT/OSL/MGSL/RSH/RVH/RMSJ/RGH/RTBH/OTH-A.06/OTBH-A.06.</p>
MOD017 ★	<p>Maximum Run Timer, Electronic Controls When programmed, this feature calculates the total time required for the door to travel from the fully closed to the fully opened position and adds 10s to this time. If the door is obstructed during its travel, this feature will stop the operator after the maximum run timer time has elapsed. Default time set is 90s. Applies to: All operator models.</p>
MOD017A	<p>Maximum Run Timer, Electromechanical Controls For Electromechanical Control “0” Type. If the door is obstructed during its travel, this feature will stop the operator after the maximum run timer time has elapsed. Applies to: OPJ/OPH/OHJ/OSH/MSJ/OGH/MGH/MRGH/OTH/OTH-A.00/OTBH/OTBH-A.00/OTBH-A.05/MGT/OSL/MGSL.</p>
MOD019A	<p>Control Circuit 120V, 120V/1Phase Operators For Electromechanical Control “0” Type. The standard 24V_{AC} control circuit is replaced by a 120V_{AC} control circuit on 120V/1Ph operators. Reversing sensing circuit and push-button stations are also 120V_{AC}. Radio controls are not available on a 120V_{AC} control circuit. ▲ Consult inside sales for operator UL/CSA listing when MOD019 is added. Applies to: OPJ/OPH/OHJ/OSH/MSJ/OGH/MGH/MRGH/OTH/OTH-A.00/OTBH/OTBH-A.00/OTBH-A.05/MGT/OSL/MGSL.</p>
MOD019B-E	<p>Control Circuit 120V, Operators above 120V/1Phase Same as above but applies to 240V/1Ph and 208-480-600V/3Ph operators. Note: Not compatible with Nema 7/9 3Ph hazardous location application. Applies to: OPJ/OPH/OHJ/OSH/MSJ/OGH/MGH/MRGH/OTH/OTH-A.00/OTBH/OTBH-A.00/OTBH-A.05/MGT/OSL/MGSL.</p>
MOD021A	<p>Safepack, 24V Control Circuit For Electromechanical Control “0” Type. Applies only to single and 3-phase heavy-duty operators with hazardous location environmental protection. A safepack module is used as an “Intrinsically Safe Barrier Relay” and in hazardous locations with non-voltage producing sensors, thus allowing the user to use a N.O. non-monitored sensing edge or other intrinsically safe devices. MOD021B (\$) is available for 120V control in conjunction with MOD019 (\$), please consult inside sales. Applies to: MSJX/GHX/MGHX/MRGHX/MGTX/MGSLX. For models OPJX/OPHX/OSHX/OSLX, please consult inside sales.</p>
MOD027B1	<p>Universal Auxiliary Output Module The universal auxiliary output module controls several auxiliary devices such as, but not limited to: traffic lights, LED light strips, horns, solenoid locks, air curtains, alarms, fans, brakes, motors, etc. Devices not included. Contact ratings: 12A 120V_{AC}, 10A 240V_{AC} or 28V_{DC}. For traffic light or LED light strip applications, the module works in conjunction with any of the six (6) running modes available on the BOARD070. The red light is on (solid) while the door is opening/closing. The green light is on (solid) when the door is at the mid-stop/fully open position and stays on as long as the TTC from the preset mid-stop and/or fully open position is active (when activated). In this case, the red light flashes when the door is about to close until the descending motion begins. MOD027B2 is available for 120V control. MOD027D1/D2 are also available for the Rapido® line. Also available as an assembly kit (MODKIT027B1/027D1) for in the field upgrades, see (page 83). Applies to: OPJ/OPH/OHJ/OSH/MSJ/OGH/MGH/MRGH/OTH/OTH-A.00/OTBH/OTBH-A.00/OTBH-A.05/MGT/OSL/MGSL/RSH/RVH/RMSJ/RGH/RTBH/OTH-A.06/OTBH-A.06.</p>



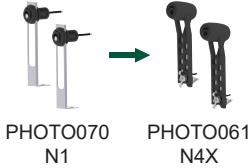
Control Modifications

★ Standard feature with **BOARD 070M**

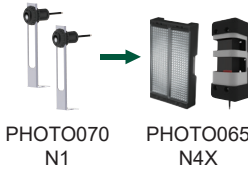
Please consult inside sales for additional modifications

Code **Description**

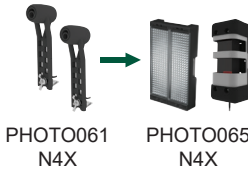
MOD035 Monitored Photoelectric Cell Upgrade, Nema 1 to Nema 4X
 The standard Nema 1 monitored photoelectric cell (PHOTO070) is upgraded to a Nema 4X monitored photoelectric cell (PHOTO061). Ideal for industrial environments, submersible and impact resistant. Flexible design withstands and realigns after mechanical impact. Max. range 45ft. Incl.: transmitter, receiver, 3ft. of conductor wires (UL CL-2 type) and mounting hardware. Also available with 50 ft. of conductor wires (MOD035A), please consult inside.
Applies to: All operator models. Standard with RSH/RVH/RMSJ/RGH/RTBH/OTBH-A.05/OTH-A.06/OTBH-A.06/Nema 4/12 and Nema 4X environmental applications.



MOD038 Monitored Photoelectric Cell Upgrade, Nema 1 to Nema 4X Retro-Reflective
 The Nema 1 monitored photoelectric cell (PHOTO070) is upgraded to a Nema 4X monitored retro-reflective type photoelectric cell (PHOTO065). Ideal for harsh environments. Max. range 50 ft. Incl.: transmitter, reflector, 6.5ft. of conductor wires and mounting hardware.
Applies to: All operator models, except RSH/RVH/RMSJ/RGH/RTBH/OTBH-A.05/OTH-A.06/OTBH-A.06/Nema 4/12 and Nema 4X environmental applications.



MOD040 Monitored Photoelectric Cell Substitution, Nema 4X to Nema 4X Retro-Reflective
 The Nema 4X monitored photoelectric cell (PHOTO061) is substituted to a Nema 4X monitored retro-reflective type photoelectric cell (PHOTO065). Ideal for harsh environments. Max. range 50 ft. Incl.: transmitter, reflector, 6.5ft. of conductor wires and mounting hardware.
Applies to: RSH/RVH/RMSJ/RGH/RTBH/OTBH-A.05/OTH-A.06/OTBH-A.06/Nema 4/12 and Nema 4X environmental applications.



MOD084 Wireless Air Switch with Receiver Installed in Control Box
 Wireless air switch receiver (AIRSWITCH017) is installed in the operator's control box. Transmitter also included. To be used in conjunction with a pneumatic edge (\$).
Note: If used in conjunction with the Universal Auxiliary Output Module (MODKIT027B1/027D1), please consult inside sales.
Applies to: All operator models.



MOD086 Y-Connector Merging Module Installed in Control Box
 Y-Connector merging module is installed in the operator's control box. If used in conjunction with the Universal Auxiliary Output Module (MODKIT027B1/027D1), please consult inside sales.
Applies to: All operator models.

MOD155 Double Limit Switches Four (4) Positions
 Wiring of four (4) extra limit contacts on a dedicated terminal strip in the operator's control box.
Note: To be used in conjunction with MOD008 (\$).
Applies to: All operator models.

MOD168A Wiring for LED Light Strip, Electronic Controls
 Controlling action for 1, 2 or 3 colored LED light strips (red, green, blue). LED light strips (single or multiple) to be ordered separately (\$). Also available as an assembly kit (MODKIT168A) for in the field upgrades, see (page 83).
Applies to: All operator models.

