

ACCESSORY AND COMPONENT CATALOG

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The logo for Manaras features the brand name in a stylized, cursive script. The letters are dark green with a white outline. A thick, dark green swoosh underline starts under the 'M' and curves around the bottom of the 's'.

NEMA 1 - Surface Mount

Interior steel enclosure, pushbutton control stations with momentary contacts.



- **STATION020** Three button (N. C. stop), open, close and stop control for operators wired in B2 and C2 wiring.
- **STATION010** Two button, for open and close. Should only be used with operators wired for constant pressure to open, and close (D1 wiring).
- **STATION001** One button, for open only or open/close control with B2 wiring.

NEMA 1 - Flush Mount

Interior flush mount control station for single gang box with momentary contacts.



- **STATION076** Three button (N. C. stop), open, close, and stop, control for operators wired in B2 and C2 wiring. Comes with steel face plate: 4 1/4" x 2 1/4" back box: 4" x 2".
- **STATION041** Three button (N. C. stop), open, close, and stop control for operators wired in B2 and C2 wiring. Comes with aluminium face plate: 5 1/2" x 3 1/2", back box with bracket: 4" x 2".

NEMA 4/12 - Surface Mount - Non metallic

Exterior surface mount, non-metallic enclosure control stations with double momentary contacts (N. O. and N. C.).



- **STATION031** Three button, open, close, and stop control for operators wired in B2 and C2 wiring.
- **STATION035** Three button key lock-out, open, close, and stop control for operators wired in B2 and C2 wiring. When the key switch is on off position, the pushbuttons are inoperative.
- **STATION027** Identical to STATION035 but with a 24V pilot light.
- **STATION013** Two button, for open and close. Should only be used with operators wired for constant pressure to open and close (D1 wiring).
- **STATION003** One button, for open only or open/close control with B2 wiring.

NEMA 4/12 - Surface Mount - Cast Metal

Exterior heavy duty, surface mount, cast metal control stations with momentary contacts.



- **STATION056** Three button (N.C. stop), open, close, and stop control for operators wired in B2 and C2 wiring.
- **STATION057** Three button key lock-out (N. C. stop), open, close, and stop control for operators wired in B2 and C2 wiring. When the key switch is on off position, the pushbuttons are inoperative.

NEMA 7/9 - Surface Mount

Explosion proof, die cast enclosure control station.

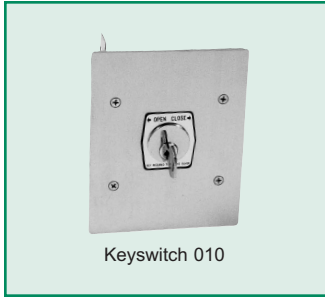


- **STATION049** Three button (N. C. stop), open, close, and stop control for operators wired in B2 and C2 wiring.

Note: Some of these items are not stocked in all our distribution centers, please call us to confirm availability.

Key Switches - Interior - Flush Mount

Interior, flush mount, tamper proof enclosure.



Keyswitch 010

- **KEYSWITCH010** Single key open-close, center return. Should only be used with operators wired for constant pressure to open and close (D1 wiring). Supplied with 2 keys, key removable only in center position.

Key Switches - Exterior - Surface Mount

Exterior, wall or post mount, cast aluminium enclosure.

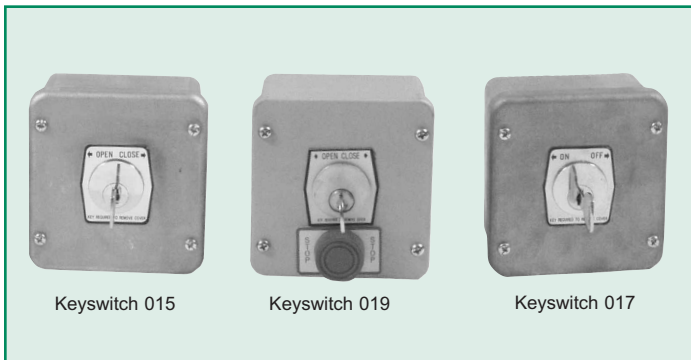


Keyswitch 034

- **KEYSWITCH034** Single key, center return with one momentary contact, for open only or open/close control with B2 wiring.
- **KEYSWITCH006** Madison cylinder alone for KEYSWITCH034.

Key Switches - Exterior - Surface Mount

Exterior, surface mount, tamper proof, cast iron enclosure.



Keyswitch 015

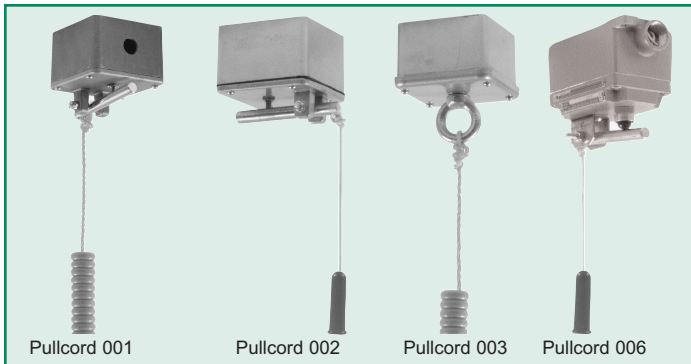
Keyswitch 019

Keyswitch 017

- **KEYSWITCH015** Single key open-close, center return. Should only be used with operators wired for constant pressure to open and close (D1 wiring). Supplied with 2 keys. Key removable only in center position.
- **KEYSWITCH017** Single key, on/off. To turn on or off auxiliary equipment. Supplied with 2 keys. Key removable in all positions.
- **KEYSWITCH019** Single key open-close, center return with stop button (N.C. contact). Open, close, and stop control for operators wired in B2 and C2 wiring. Supplied with 2 keys. Key removable only in center position.

Ceiling Pull Switches

Pull switches may be used as an open only or open/close control with B2 wiring.



Pullcord 001

Pullcord 002

Pullcord 003

Pullcord 006

- **PULLCORD001** Exterior cast iron enclosure pull switch with SPST contact.
- **PULLCORD002** Exterior cast iron enclosure pull switch with DPST contact. An additional contact is available to control auxiliary equipment.
- **PULLCORD003** Exterior, swivel type cast iron enclosure pull switch with SPST contact.
- **PULLCORD006** Explosion proof pull switch with DPST contact. An additional contact is available to control auxiliary equipment.

Note: SPST= single pole single throw
DPST= double pole single throw

Card Reader and Digital Key Pad



Keyless 002

Post 001

Cardreader 001

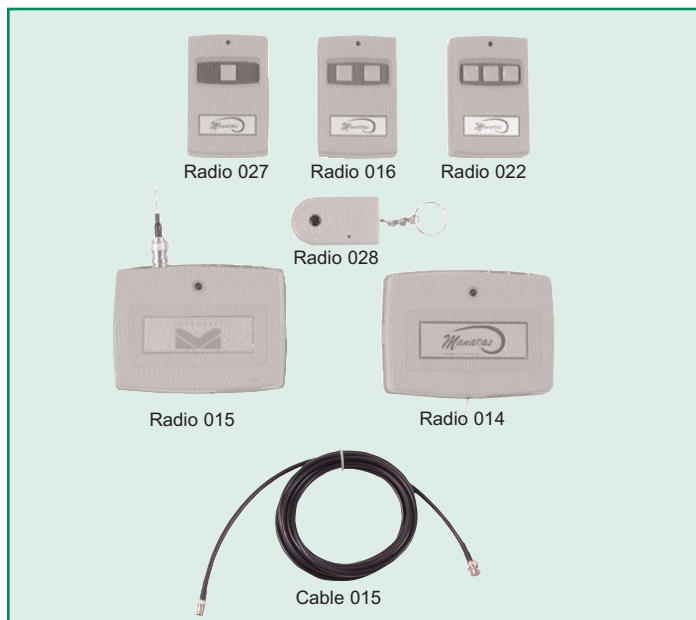
Cardreader 004

- **KEYLESS002** Exterior digital keypad in a cast aluminium enclosure. Up to 1000 re-programmable 2 to 6 digits codes. Programmable relay activation time available. Power supply: 12 - 24V AC / DC.
- **POST001** Heavy gauge steel gooseneck post, 39" high for pad mount. Wiring can be fed through the post.
- **CARDREADER001** Exterior 4 period card reader in a sturdy weather steel housing. Comes with a 36" high post.
- **CARDREADER004** Additional card, minimum order 20. (when re-ordering please give code and card number).
- **CARDREADER003** Replacement coded cartridge.

Note: Some of these items are not stocked in all our distribution centers, please call us to confirm availability.

Manaras 313 MHZ Open/Close Radio Controls

A range of 313MHz radio receivers and transmitters for open/close control type with B2 wiring. 1024 possible code combinations available with an 10-digit binary dipswitch.



- **RADIO027** MT-1000: single button transmitter for operation of one door. Comes with L.E.D. battery life indicator, 9v battery and sunvisor clip.

- **RADIO016** MT2-1000: two button transmitter for operation of two doors. Comes with L.E.D. battery life indicator, 9v battery and sunvisor clip.

- **RADIO022** MT3-1000: three button transmitter for operation of three doors. Comes with L.E.D. battery life indicator, 9v battery and sunvisor clip.

- **RADIO028** MTM-1000: one button miniature transmitter for operation of one door. Compact size and key chain holder. Comes with L.E.D. battery life indicator and a mini 12v battery.

- **RADIO014** MR-1000: receiver to control one operator with MT series transmitters. Operates on 24VAC. A L.E.D. indicates that the unit has been activated. Can be installed directly onto our operators control box.

- **RADIO015** MRX-1000: identical to RADIO014 but with commercial receiver antenna for increased range.

- **CABLE015** Extension 15' coaxial cable for antenna for all Manaras receivers.

Manaras 313 MHZ Commercial/Industrial Open/Close/Stop Radio Controls

A range of 313MHz radio receivers and transmitters for open close and stop control for operators wired in B2 wiring. 1024 possible codes combinations available with an 8-digit binary dipswitch.



- **RADIO047** MCT-1: wireless remote 3-button station for one door. Can execute, open, close, stop commands in any sequence required. Comes with L.E.D. battery life indicator, and 9v battery. Can be wall or post mounted. Must be used with MCR series receiver.

- **RADIO042** MCT-4: wireless remote 3-button station for up to 4 doors. Can execute open, close, stop commands in any sequence required. By selecting A, B, C, D on the rotary switch, you can operate any of the four doors. Comes with L.E.D. battery life indicator, and 9v battery. Can be wall or post mounted. Must be used with 4 MCR series receiver.

- **RADIO050** MCT-32: wireless remote 3-button station for up to 32 doors. Can execute open, close, stop commands in any sequence required. By selecting A, B, C, D on one rotary switch, and 1 to 8 on the other, you can operate any of the 32 doors. Comes with L.E.D. battery life indicator, and 9v battery. Can be wall or post mounted. Must be used with 32 MCR series receiver.

- **RADIO037** MCR-32: receiver in a steel Nema 1 enclosure, to control one operator with MCT series transmitters. It operates on 24VAC. Comes with an antenna.

- **RADIO031** MCR-32 N4: identical to RADIO037 but in a steel Nema 4/12 enclosure.

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Toll free number: 800 - 361 - 2260

Vehicle Loop Detectors

They are used for detecting the presence or the passage of a vehicle over an inductive wire loop embedded in the road way surface. It can be used as an open only control or as a reverse and hold open control for an operator with B2, C2, or timer to close wiring.



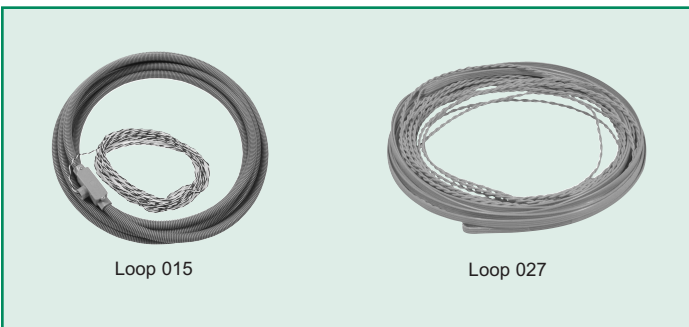
- **LOOP008** SARASOTA 625X 24VAC inductive loop detector. Failsafe outputs. Automatic tuning. One presence relay and a second relay which can be configured as presence, pulse on entry or pulse on exit. Operates on 24VAC. Comes with harness.

- **LOOP035** Inductive loop detector. Failsafe outputs. One presence relay and a second relay which can be configured as presence, pulse on entry or pulse on exit. Operates on 24VAC. Comes with harness.

- **LOOP007** SARASOTA 625X 110VAC inductive loop detector. Failsafe outputs. Automatic tuning. One presence relay and a second relay which can be configured as presence, pulse on entry or pulse on exit. Operates on 110VAC. Comes with harness.

- **RELAY021** 11 pin socket base for loop detectors.

Preformed Inductive Loops



- **LOOP015** Pre-formed loop, pave-over style, with 30' of wire lead, 8' x 4' size (other sizes available).

- **LOOP027** Pre-formed loop, sawcut style, with 30' of wire lead, 8' x 4' size (other sizes available).

Treadles

When a vehicle passes over the treadle it activates a contact, which gives an open or reversing command to an operator with B2, C2, or timer to close wiring. No power needed.



- **TREADLE001** Electric treadle, surface mount, 5' long.



- **TREADLE002** Exterior pneumatic treadle. Includes a 10' hose, hose plug and exterior airswitch.

Motion Detector

Detects motion of vehicles or pedestrians in a wide area in front of the door. It is used as an open control for an operator with B2, C2, or timer to close wiring.



- **MOTION003** Nema 4 motion detector that can be configured as a unidirectional or bidirectional sensor. Maximum range 20'. Operates on 24V AC / DC.

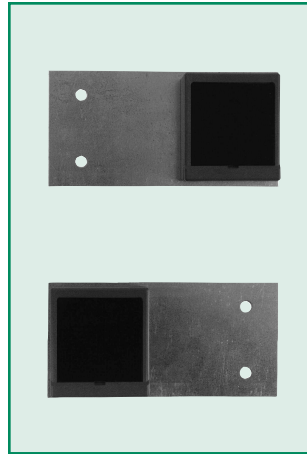
Note: Some of these items are not stocked in all our distribution centers, please call us to confirm availability.

Photoelectric Cells

Photoelectric cells can be used as an opening or a safety reversing device when an infrared light is broken.



- **PHOTO008** Monitored through beam photocell. Maximum range 30'. Nema 1 enclosure. Operates on 24V AC / DC. Kit includes commercial operator interface module, photocells, and steel brackets.



- **PHOTO044A** EMX through beam photocell. Maximum range 100'. Operates on 12 or 24V AC / DC. Kit includes steel brackets.



- **PHOTO018** OMRON E3K retro-reflective photocell. Maximum range 33'. Nema 4, 4X, and 12 enclosure. Operates on 24 to 240V AC / DC. Kit includes steel brackets.

- **PHOTO024** 3" photo-cell reflector. Increases maximum range of PHOTO018 up to 40'.

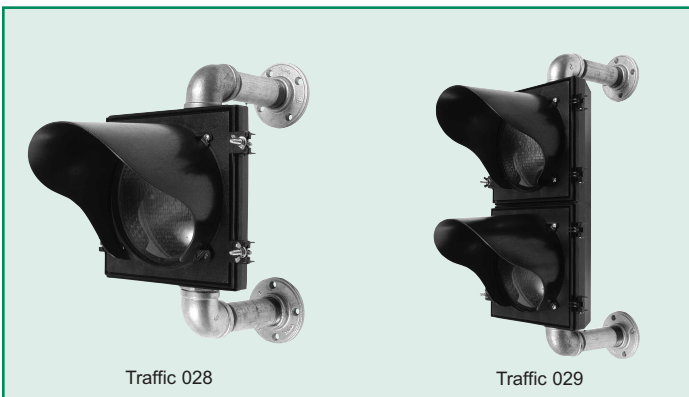


- **PHOTO032** AB GRU 115V retro-reflective photocell. Maximum range 30'. Nema 4, 4X, 6P, 12, 13 enclosure. Operates on 115 to 240V AC / DC. Kit includes 3" reflector.

- **PHOTO038** AB GRU 24V identical to PHOTO032 but operates on 24VAC.

Warning Lights

Manaras operators can be modified in order to control warning lights. Please consult the modification section of our price list to find out about the different options available.



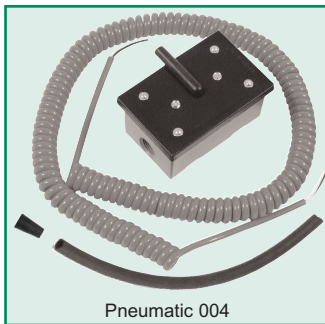
- **TRAFFIC028** Red only traffic light. Operates on 115V. Includes visor, bulb and mounting brackets.

- **TRAFFIC029** Red & green traffic lights. Operates on 115V. Includes visors, bulbs, and mounting brackets.

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Pneumatic Reversing Edge Kits

A pneumatic reversing edge is an entrapment protection system, which will trigger an air switch to reverse or stop the door when it encounters an obstruction. Not recommended for doors over 22 feet wide.



Pneumatic 004



Pneumatic 005

- **PNEUMATIC004** **Pneumatic kit for doors up to 14' high.** Includes an exterior, SPDT, adjustable air switch with metal case, a 2-wire 14' coil cord (COIL005), a connection hose and a hose plug. *HOSE001 has to be ordered separately according to door width.*

- **PNEUMATIC005** **Pneumatic kit for doors up to 20' high.** Includes an exterior, SPDT, air switch with metal case, a 2-wire 20' take-up reel (REEL-ITE005), a connection hose and a hose plug. *HOSE001 has to be ordered separately according to door width.*



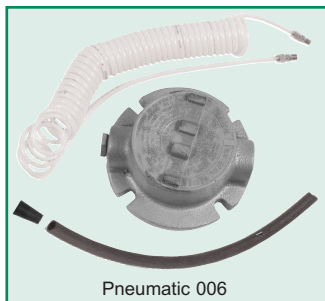
Pneumatic 007



Pneumatic 008

- **PNEUMATIC007** **Pneumatic kit for doors up to 14' high.** Includes an exterior, SPDT, air switch with plastic housing, a 2-wire 14' coil cord (COIL005), a connection hose and a hose plug. *HOSE001 has to be ordered separately according to door width.*

- **PNEUMATIC008** **Pneumatic kit for doors up to 20' high.** Includes an exterior, SPDT, air switch with plastic housing, a 2-wire 20' take-up reel (REEL-ITE005), a connection hose and a hose plug. *HOSE001 has to be ordered separately according to door width.*



Pneumatic 006

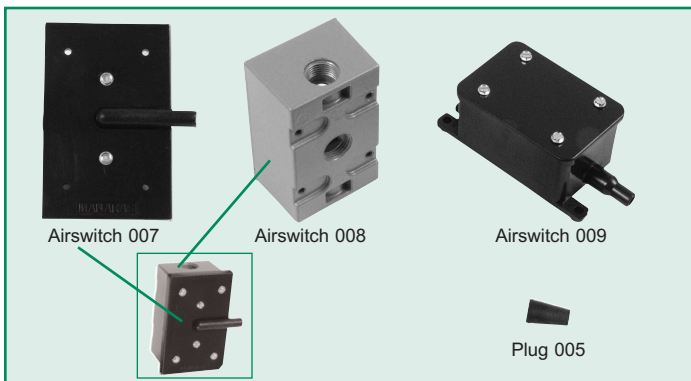


Hose 001

- **PNEUMATIC006** **Explosion proof pneumatic kit for doors up to 20' high.** Includes an explosion proof air switch, a 20' air coil with fittings, a connection hose and a hose plug. *HOSE001 has to be ordered separately according to door width.*

- **HOSE001** Soft rubber hose, 1/2" ID. Has to be ordered with pneumatic kits in a length corresponding to door width.

Pneumatic Edges Individual Components



Airswitch 007

Airswitch 008

Airswitch 009

Plug 005

- **AIRSWITCH007** Exterior, SPDT, adjustable air switch. To be used with metal case AIRSWITCH008.

- **AIRSWITCH009** Exterior, SPDT MOSLEY air switch with plastic housing.

- **AIRSWITCH008** Metal case for AIRSWITCH007.

- **PLUG005** Plug for HOSE001.

Warning:

Motorized doors can cause serious injuries or death. Manaras strongly recommends the use of entrapment protection systems, especially in case of momentary contact to close as in B2 wiring or timer to close.

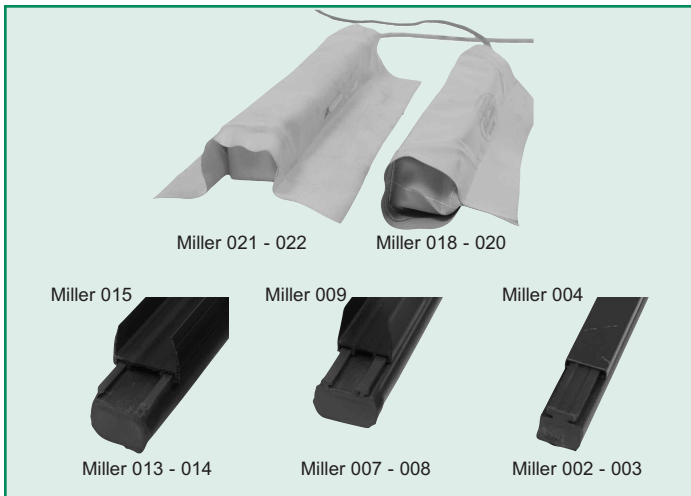
Note: Some of these items are not stocked in all our distribution centers, please call us to confirm availability.

Electrical Reversing edges

An electro-mechanical reversing edge is an entrapment protection system, which causes the door to reverse or to stop when the door encounters an obstruction. 4-wire electric edges are used in failsafe safety edge circuits.

Note

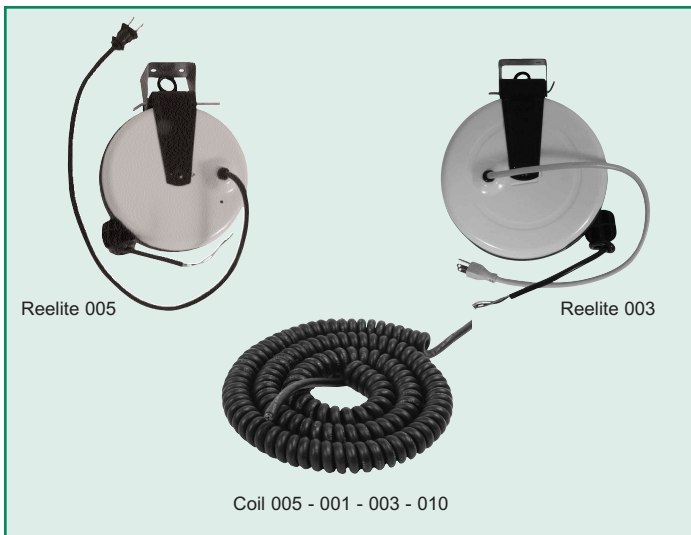
Minimum length 4'. Please note that these products are custom made, no refunds can therefore be accepted. Length to order equal daylight opening minus 2". Universal or end mount is standard.



- **MILLER021** MU-22, 2 wire type for sectional and sliding doors, universal mount.
- **MILLER022** MU-22, 4 wire type for failsafe circuits, universal mount.
- **MILLER018** MT-22, 2 wire type for rolling doors with double angle bottom bar, universal mount.
- **MILLER020** MT-22, 4 wire type for failsafe circuits, universal mount.
- **MILLER013** ME-123, 2 wire type for sectional doors, universal mount.
- **MILLER014** ME-123, 4 wire type for failsafe circuits, universal mount.
- **MILLER015** ME-123C, C mounting channel for ME-123 edges.
- **MILLER007** ME-113, 2 wire type for sectional doors, end mount.
- **MILLER008** ME-113, 4 wire type for failsafe circuits, end mount.
- **MILLER009** ME-113C, C mounting channel for ME113 edges.
- **MILLER002** ME-110, 2 wire type for counter shutters & rolling grilles, end mount.
- **MILLER003** ME-110, 4 wire type for failsafe circuits, end mount.
- **MILLER004** ME-110C, C mounting channel for ME-110 edges.

Safety Edge Connection Accessories

Retractable connection to link the sensing edge and the operator.



- **REELITE005** Metallic Take-up reel, 2 wire, 18 gauge, 20' extension.
- **REELITE003** Metallic Take-up reel, 3 wire, 18 gauge, 30' extension.
- **COIL005** Coil cord, 2 wire, 18 gauge, 14' extension.
- **COIL001** Coil cord, 2 wire, 18 gauge, 20' extension.
- **COIL003** Coil cord, 4 wire, 18 gauge, 20' extension.
- **COIL010** Coil cord, 4 wire, 18 gauge, 30' extension.



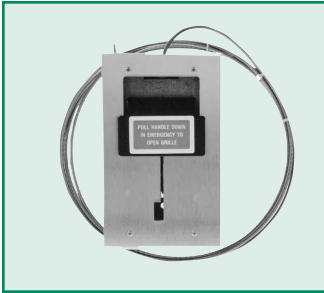
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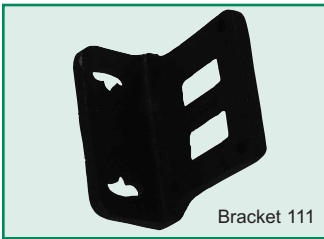
Emergency Egress Control

For quick disconnect of Opera J or Opera HJ operators in case of emergency egress.



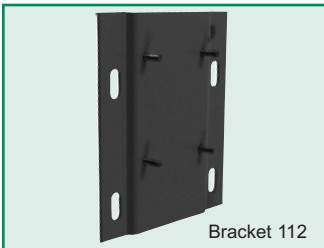
- **EMERGENCY001** Emergency egress control. Handle flush with face plate. Comes with 15' cable and S-hook.

Brackets



Bracket 111

- **BRACKET111** Hood mounting angle bracket. Cast iron. Applies to: MJ, MJH, GH and Opera models.



Bracket 112

- **BRACKET112** Wall mounting bracket. Steel plate with stud. Allows for tensioning of chain. Specially recommended on GH model when the fixing surface is rough. Applies to: MJ, MJH, GH and Opera models.

Chain Spreaders

Allows for proper alignment of the operator and door sprockets, and also provides proper tension on the drive chain.



Spreader 001

Spreader 002

Spreader 003

Interlock Switches

Prevents the control of the operator when the door is locked. The switch is a normally close contact which is connected to the operator interlock terminal.



Interlock 004

Interlock 005

- **INTERLOCK004** Door interlock switch for rolling grilles.

- **INTERLOCK005** Door interlock switch for sectional doors.

Splash Proof Covers



Splash 001 - 003 - 004 - 005

- **SPLASH001** Splash proof cover applies to: MGH & GH up to 2 HP.

- **SPLASH003** Splash proof cover applies to: MSJ, Opera models.

- **SPLASH004** Splash proof cover applies to: MGT.

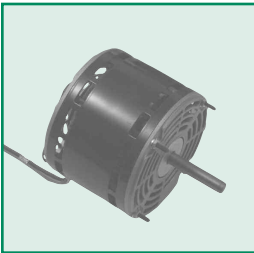
- **SPLASH005** Splash proof cover applies to: MTH, MTBH.

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Manaras reserves the right to make specification or design changes without prior notice.

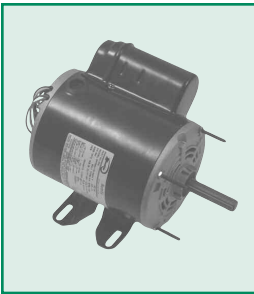
Electric Motors

Instant reverse, intermittent duty, ODP, 1 phase, 60hz motors with internal thermal overload for medium duty operators.



- **MOTOR189** 1/2HP 110V, 1050 rpm. Applies to MLJ, MLH, MLT.
- **MOTOR260** 1/2HP 110V / 1500 rpm, for Opera-MJ/MH.
- **CAPACITOR024** 70µF, 240 VAC, 50/60hz capacitor. Applies to all intermittent-duty motors.

Continuous Duty, Base Mount, ODP 60hz motors, 1750 rpm. They apply to Opera-J, Opera-H, MSJ, MTH, MTBH, MSLD operators.



- **MOTOR253** 1/3HP 115/230V 1 Phase
- **MOTOR254** 1/2HP 115/230V 1 Phase
- **MOTOR255** 3/4HP 115/230V 1 Phase
- **MOTOR256** 1HP 115/230V 1 Phase
- **MOTOR271** 1/2HP 230/460V 3 Phase
- **MOTOR273** 3/4HP 230/460V 3 Phase
- **MOTOR275** 1HP 230/460V 3 Phase
- **MOTOR272** 1/2HP 575V 3 Phase
- **MOTOR274** 3/4HP 575V 3 Phase
- **MOTOR276** 1HP 575V 3 Phase

Continuous duty motor spare parts.

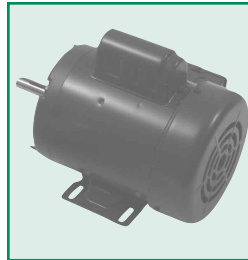
- **RESISTOR004** Capacitor resistor for 1/2 and 3/4 HP motors.
- **CAPACITOR015** 340-408 µF capacitor for 1/2 HP 115 and 230V 1 Phase operators.
- **CAPACITOR008** 540-648 µF capacitor for 3/4 HP 115 and 230V 1 Phase operators.

Class II 24VAC Transformers



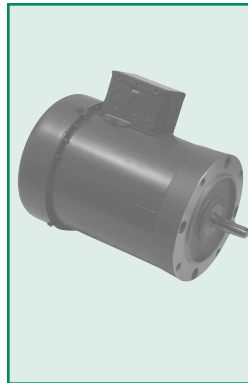
- **TRANSF001** 120/24V, 30VA
- **TRANSF005** 120/24V, 40VA
- **TRANSF037** 240/208/24V, 40VA
- **TRANSF088** 480/24V, 40VA
- **TRANSF142** 575/24V, 40VA
- **TRANSF006** 120/24V, 50VA
- **TRANSF003** 120/24V, 100VA
- **TRANSF017** 208/24V, 100VA
- **TRANSF050** 220/24V, 100VA
- **TRANSF087** 480/24V, 100VA
- **TRANSF107** 575/24V, 100VA

Continuous Duty, Base Mount, TEFC, 60hz motors, 1750 rpm. They apply to MSJ, MTH, MTBH, MJ, MJH, MSLD operators. They are used in Nema 4/12 installations.



- **MOTOR257** 1/2HP 115/230V 1 Phase
- **MOTOR258** 3/4HP 115/230V 1 Phase
- **MOTOR259** 1HP 115/230V 1 Phase
- **MOTOR277** 1/2HP 230/460V 3 Phase
- **MOTOR279** 3/4HP 230/460V 3 Phase
- **MOTOR281** 1HP 230/460V 3 Phase
- **MOTOR278** 1/2HP 575V 3 Phase
- **MOTOR280** 3/4HP 575V 3 Phase
- **MOTOR282** 1HP 575V 3 Phase

Continuous Duty C-Flange TEFC, 60hz motors, 1750 rpm. They apply to Gear Head operators: GH, MGH, MGT, MGS LD.



- **MOTOR316** 1/2HP 115/230V 1 Phase
- **MOTOR317** 3/4HP 115/230V 1 Phase
- **MOTOR318** 1HP 115/230V 1 Phase
- **MOTOR319** 1.5HP 115/230V 1 Phase
- **MOTOR261** 1/2HP 230/460V 3 Phase
- **MOTOR262** 3/4HP 230/460V 3 Phase
- **MOTOR264** 1HP 230/460V 3 Phase
- **MOTOR266** 1.5HP 230/460V 3 Phase
- **MOTOR268** 2HP 230/460V 3 Phase
- **MOTOR263** 3/4HP 575V 3 Phase
- **MOTOR265** 1HP 575V 3 Phase
- **MOTOR267** 1.5HP 575V 3 Phase
- **MOTOR270** 2HP 575V 3 Phase

Limit Switches

Single limit switches, SPDT, used to stop the door at top and bottom or as disconnect switch.



- **LIMIT001** Single limit switch with lever. Applies to old Heavy-duty operator models. It is also used as disconnect switch for GH and MGH models.
- **LIMIT015** Single limit switch without lever. Applies to all current operators. It is also used as disconnect switch for Opera models.
- **LIMIT006** Single limit switch with lever. Applies to old Medium-duty operator models.
- **LIMIT016** Single limit switch used as disconnect switch on MLH

Double limit switches, DPDT. The extra contact is used to control auxiliary equipments.



- **LIMIT003** Double limit switch with lever. Applies to old operator models.
- **LIMIT018** Double limit switch without lever. Applies to all current operators.

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Toll free number: 800 - 361 - 2260

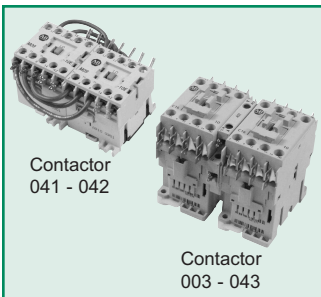
Reversing Relays



- **RELAY024** 24V Relay, DP DT, used in all heavy-duty operators as well as MLT and Opera-MH/MJ.
- **RELAY026** 120V Relay, DP DT, used in all 115V heavy-duty operators.
- **RELAY027** 240V Relay, DP DT, used in all 240V heavy-duty operators.
- **RELAY039** 24V Relay, 3 pole, used in MLT and Opera-MH/MJ.
- **RELAY043** 24V Relay, 4 pole, used in MLH, MLJ operators.

Reversing Contactors

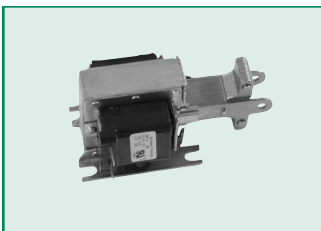
Reversing contactors are used on all Manaras heavy-duty operators.



- **CONTACTOR041** Linear contactor for 1 phase operators.
- **CONTACTOR042** Linear contactor for 3 phase operators.
- **CONTACTOR003** MMTc reversing contactors.
- **CONTACTOR043** Allen Bradley reversing contactor.

Solenoids

Used on all operators with solenoid brake.



- **SOLENOID001** 120V solenoid switch, for 120V operators.
- **SOLENOID002** 240V solenoid switch, for 230V operators.
- **SOLENOID003** 440V solenoid switch, for 460V operators.
- **SOLENOID004** 575V solenoid switch, for 575V operators.

1 Phase Overloads



- **RESET001** Reset 4 A
- **RESET002** Reset 5 A
- **RESET005** Reset 8 A
- **RESET007** Reset 10 A
- **RESET012** Reset 15 A
- **RESET013** Reset 16 A
- **RESET014** Reset 17 A

Miscellaneous

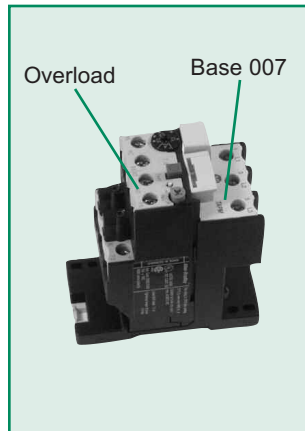


- **FUSE006** 2 A fuse.

Note: Some of these items are not stocked in all our distribution centers, please call us to confirm availability.

Manaras reserves the right to make specification or design changes without prior notice.

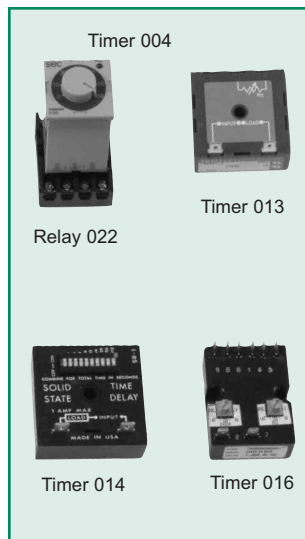
3 Phase Overloads



- **OVERLOAD034** 3 Phase 0.6 to 1 A
- **OVERLOAD035** 3 Phase 1 to 1.6 A
- **OVERLOAD036** 3 Phase 1.6 to 2.4 A
- **OVERLOAD037** 3 phase 2.4 to 4 A
- **OVERLOAD038** 3 phase 4 to 6 A
- **OVERLOAD039** 3 phase 6 to 10 A
- **OVERLOAD040** 3 phase 10 to 16 A
- **BASE007** Overload base.

Note: new 3 phase operators have motors with integrated overloads. They don't require external overloads.

Timers



- **TIMER004** Single timer, with SPDT contact, adjustable from 0 to 60s operates on 24V. Used in the timer to close option.
- **RELAY022** 8 Pin socket base for TIMER004.
- **TIMER013** In line 1.5s time delay. Operates on 24V. Used in delay on reverse option.
- **TIMER014** In line timer, adjustable from 1 to 1023s. Operates on 24V.
- **TIMER016** Dual timer, 2 independent SPDT contact, adjustable from 0 to 230s, operates on 24V. Used in warning light option.

Auxiliary Contacts

Additional contact blocks with one normally open and one normally closed contact. For the control of auxiliary features.



- **AUXCON039** Auxiliary contact: Applies to GH, MGH, MGT, MGSLD.
- **AUXCON042** Auxiliary contact: Applies to operators with linear contactors.

Cycle Counter

Non resettable cycle counter which operates on 24V.



- **CYCLE006** Non resettable cycle counter, Inside mount.



Customer Service and Technical Support

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