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# applications BY INDUSTRY



trash recycling systems



transportation, logistics



palletizing systems



packaging machinery



overhead door industry



mining & drilling industry



metal stamping industry



food processing systems



conveying warehouse



automotive industry



automation & assembly



pedestrian crosswalk

# cable/rope OPERATED SWITCHES



04944-900



04944-000



04944-700



04944-950

## 04944-XXX series – “Slack Cable Style”

- positive break contacts • Nema 12, 13 & 4x indoor, IP65 & IP66
- manual reset • NO+NC • 2NO+2NC
- 200 ft. max. cable length • UL CSA CE

## 04944-XXX series – “Slack Cable Style”

- positive break contacts • Nema 12, 13 & 4x indoor, IP65 & IP66
- auto reset • NO+NC • 2NO+2NC
- 200 ft. max. cable length • UL CSA CE



04953-111



04954-204



04958-100



04945-000

## 04953 and 04954 series – “Slack Cable Style”

- positive break contacts • Nema4x & IP65 • manual reset
- right & left single flag indicators • NO+NC • NO+2NC
- 200 ft. max. cable length • UL CSA CE

## 04958-XXX series & 04945-XXX series

- 04958 – (Nema4, IP66) • 04945 – (Nema4x, IP65)
- 04958 – (maintained & momentary) • 04945 – (sequence)
- 04945 – (200 ft. max. cable length)



04962-100



04964-204



04963-032



94963-600

## 04962-XXX and 04964-XXX series

### “Broken Cable Detection or Slack Cable Style”

- positive break contacts • Nema 12/13, IP65 • manual reset
- 2NO+2NC • With Quick Connect
- 200 ft. max. cable length/400 ft bi-directional • UL CSA CE

## 04963-XXX series

### “Broken Cable Detection or Slack Cable Style”

- positive break contacts • Nema 4/4x indoor, IP65 • manual or automatic reset
- 2NO+2NC • Pre-Wired 5 or 8 Pin M12 Connector • Available with Pilot Light
- 200 ft. max. cable length/400 ft bi-directional • UL C-UL-US CE



# cable/rope operated ACCESSORIES



02005-605

## Turnbuckle

For tension adjustment on cable runs. Aluminum body with zinc plated steel eyebolts.



02005-610

## Red Vinyl Cover

Galvanized steel (7x7) aircraft cable used for cable runs. 3/16" O.D. 0.028 lbs./Ft.



02005-615

## Thimble, Strain Relief

Use with aircraft cable to reduce breakage at the end. Steel, zinc plated.



02005-620

## Rope Clip

Use with aircraft cable to secure the cable end. Cast malleable iron body, natural finish with steel u-bolt & nuts, natural finish.



02005-625

## Cable Clip Assembly

Stainless steel. Use with aircraft cable to extend, splice the cable.



02005-630

## Tension Spring

Used in cable run to reduce slack between supports. Spring rate = 50 lbs./in. Music wire, zinc plated.



02005-635

## Eye Bolt Assembly

Used to support the cable run at intervals. The kit includes one zinc plated steel eyebolt, two nuts and a lock washer.



02005-640

## Spring Kit

Replacement parts for use on 04945 switches. The kit includes one 04945 switches. The kit includes two nickel coated stainless steel springs.



40100-102

## Standard Pilot Light

Polycarbonate Lexan & mounts in a standard 1/2 inch NPT hole. Each captive terminal will accept (2) # 14 AWG stranded wires.



40100-012

## Pilot Light w/LED Lamp

120 volt bi-polar red LED with red lens #40431-002 LED bulb #80507-074 1/2 NPT mounting.



02005-650

## Padlock Attachment

Use on 04944 switches to lock in tripped position.



02005-660

## Padlock Attachment

Use on 04953 and 04954 switches to lock in tripped position.

# single & double plunger PUSH BUTTON SWITCHES



00662-002



00662-001



04957-012



04917-712

## 00662-XXX series

- Nema 12, 13 & IP65
- electrical rating: heavy duty – A600 / N300
- ergonomic plunger design

## 04957-XXX series & 04917-XXX series

- Nema 12, 13 & IP65
- ergonomic design • low operating force – under 2 lbs.
- snap action contacts – 2NO+2NC



04960-512



04960-302



02653-112



01508-012

## 04960-XXX series

- Nema 4 & IP66
- black cover with shield • zinc die-cast body
- momentary snap-action • 2NO+2NC

## 02653-XXX series & 01508-XXX series

- Nema 12, 13 & IP65
- gold plated contacts eliminate high resistance tarnishing
- electrical rating: heavy duty – A600 / N300



01981-002



02182-102



04932-532



04947-132

## 01981-XXX series & 02182-XXX series

- positive break contacts • Nema 12, 13 & IP65
- complies with IEC/EN 60947-5-5 for emergency stop applications
- electrical rating: heavy duty – A600 / N300

## 04932-XXX series & 04947-XXX series

- Nema 12, 13 & IP65
- 04932 – (double plastic plunger with padlock latch)
- red button is maintained



# associated control for plungers ACCESSORIES



04925-557

### Selector Switches

Heavy duty. Hand operated, control circuit devices, rated 'Heavy Duty' for use with electromagnetic equipment. NEMA 12/13, IP65.



01774-000

### Selector Switches

Rotary contact. Hand operated, control circuit device, rated 'Heavy Duty' for use with electromagnetic equipment. NEMA 12/13, IP65.



04949-000

### Palm Switch Guard/Actuator

Replaces the ring guard on REES palm operated switches. Sturdy zinc die cast and steel.



04933-093

### Ring Guards

Designed to mount to the single or double plunger push buttons. High strength zinc alloy.



02765-000

### Standard & Large Enclosures

Made from 14 ga. sheet steel painted with a dry powder paint. Will accept all standard size REES push button switches.



02765-100

### Standard & Large Enclosures

Made from 14 ga. sheet steel painted with a dry powder paint. is suitable for holding an "Emergency Stop" switch.



03007-000

### Standard & Large Enclosures

Made from 14 ga. sheet steel painted with a dry powder paint. Can house any switch that has the same mounting pattern.



01004-043

### Adapter Plate Kit

For use with 30.5 mm control units mounted on standard enclosures. Gasket and mounting screws included.



09001-007

### Legend Plate (RUN)

Mount to single or double plunger push buttons and ring guards. Made from clear anodized aluminum with black lettering.



09001-003

### Legend Plate (STOP)

Mount to single or double plunger push buttons and ring guards. Made from clear anodized aluminum with black lettering.



09002-006

### Legend Plate (ON)

Mount to single or double plunger push buttons and ring guards. Made from clear anodized aluminum with black lettering.



09002-007

### Legend Plate (RUN)

Mount to single or double plunger push buttons and ring guards. Made from clear anodized aluminum with black lettering.

# 22mm CONTROL UNITS



22102-102



22102-012



22102-014



22102-014

## 22102-XXX series – Lockable/Maintained

- positive break contacts • Nema 12, 13 and IP65
- -012 includes “OUR” block : normally closed, opens upon removal
- listed under UL/NISD File E357870, Sec. 1

## 22102-XXX series – Lockable/Maintained

- positive break contacts • Nema 12, 13 and IP65
- -014 includes “OUR” block : normally closed, opens upon removal
- electrical rating: heavy duty – A600 / N150



22102-242



22102-202



22102-303



22102-204

## 22102-XXX series – Maintained

- positive break contacts • Nema 12, 13 and IP65
- -242 includes “OUR” block : normally closed, opens upon removal
- listed under UL/NISD File E357870, Sec. 1

## 22102-XXX series – Momentary

- accepts up to three tiers of two contact blocks
- Nema 12/13, IP 65
- electrical rating: heavy duty – A600 / N150



09022-004

## 22mm E-Stop Legend Plate



01004-016

## Adapter Plate Kit

For use with 22.5 mm control units to be mounted onto standard enclosures. Dry powder paint. Gasket and mounting screws included.



01004-017

## Adapter Plate Kit

For use with 22.5 mm control units to be mounted onto standard enclosures. Dry powder paint. Gasket and mounting screws included.



52702-000

## Contact Block (OUR action)

Each captive terminal will accept (2) #14 AWG stranded wires. Opens the NC contact of the B block Upon Removal from the switch operator.



# 30.5mm CONTROL UNITS



40102-212



40102-102



40102-114



09020-004

## 40102-XXX series

- UL/NISD E357870 • Nema 12/13, IP 65
- positive break, gold plated contact • sliding padlock attachment
- special OUR block opens NC contact upon removal from operator

## 40102-XXX series & 09020-XXX series

- Nema 12/13, IP 65
- maintained requires manual reset
- electrical rating: heavy duty – A600 / N150



40067-002



40050-200



40041-012



40041-002

## 40067-XXX series & 40050-200 series

- Nema 12/13, IP 65
- 40067 – (key lockable when depressed)
- 40050 – (momentary cable/rope switch)

## 40041-XXX series

- Nema 12/13, IP 65
- Momentary 2" mushroom push buttons
- Push button: zinc alloy and solid plastic DuPont Delrin 100ST Acetal

## product application WARNING – DANGER

These products should only be used where point-of-operations guarding devices have been properly installed and maintained so that all appropriate OSHA and ANSI B 11.1 regulations and standards are met. Misapplication of these products on machinery lacking effective point-of-operations safeguards can cause serious injury to the operator of that machinery.

## product listings / choices

This catalog and other information from REES, Inc., and its authorized distributors provides product options (choices) for further investigation by users having technical expertise. It is important that you analyze all aspects of your application and review the information concerning the product in the current catalog. Due to the variety of operating conditions and applications for the products, the user, through their own analysis and testing, is solely responsible for making the final selection of the product and assuring that all performance, safety and warning requirements of the application are met. We endeavor to apply our design and manufacturing expertise through the development of products that have high value added content and to that end we reserve the right to modify designs in the course of improvements of the quality of our products or extending their field of application to facility production. This does not commit us to replace earlier versions.



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