CONVEYOR SAFETY
PC-STOP CONTROL

CABLE OPERATED CONVEYOR SAFETY PC-STOP SWITCH IS THE FINEST SWITCH OF IT’S KIND — RUGGED CONSTRUCTION WITHSTANDS THE HARDEST USAGE.
OPERATION INFORMATION:

INSTALLATION INSTRUCTIONS

1. Control should be mounted on a flat surface using mounting plate provided.

2. Distance between switches should not exceed 200’. Use no more than 100’ of cable per switch end. This is for safety purposes, too much cable can result in a "long pull" situation due to slackness in the cable.

3. Space cable support eye bolts every 10 feet. Keep cable from becoming too slack, also not too taught as to pull out the cable end clevis.

4. Shutdown controls should be wired through the motor control circuit, not directly to motor power.

5. After applying power, actuate by pulling cable to check switch. This will ensure that there is not too much slack in the cable and that there are no obstructions in the cable or flag arm.

WIRING INFORMATION

STANDARD SWITCH – One SP/DT switch per end (two switches per end available)
- 20 AMPS, 125, 250 or 480 VAC • 10 AMPS, 125 VAC "L" (tungsten lamp load)
- 1 HP, 125 VAC • 2 HP, 250 VAC • 1/2 AMP, 125 VDC • 1/4 amp, 250 VDC

OPTIONAL SWITCH – One two-circuit double break switch per end (two switches per end available.)
- 15 AMPS, 120, 240, 480 or 600 VAC • 1/2 HP, 120 VAC
- 1 HP, 240 VAC • 0.8 AMPS, 115 VDC • 0.4 AMP, 230 VDC

NOTE: Two circuit double break switches must be wired to equal voltage sources and the same polarity. Loads should be on the same side of the lines. 1B has the same polarity as 3A.
SELECTION AND MODEL INFORMATION

1-SINGLE POLE:
double throw microswitch
PCL-1S .................LEFT HAND
PCR-1S ..............RIGHT HAND
TYPICAL USE:
Emergency shutdown of conveyors or other machinery.

1-TWO CIRCUIT:
double break microswitch for D.C. circuits
PCL-1T .................LEFT HAND
PCR-1T ...............RIGHT HAND
TYPICAL USE:
Emergency shutdown of conveyors or other machinery.

2-SINGLE POLE:
double throw microswitch
PCL-2S.................LEFT HAND
PCR-2S ...............RIGHT HAND
TYPICAL USE:
Emergency shutdown of conveyors or other machinery – with alarm or secondary function capability.

2-TWO CIRCUIT:
double break microswitch for D.C. circuits
PCL-2T .................LEFT HAND
PCR-2T ...............RIGHT HAND
TYPICAL USE:
Emergency shutdown of conveyors or other machinery – with alarm or secondary function capability.

2-TWO CIRCUIT:
double break microswitch at each end
PCD-2S........DOUBLE ENDED
TYPICAL USE:
Emergency shutdown of conveyors or other machinery.

1-TWO CIRCUIT:
double throw microswitch at each end
PCD-2S........DOUBLE ENDED
TYPICAL USE:
Emergency shutdown of conveyors or other machinery.

1-SINGLE POLE:
double throw microswitch
PCL-1S.................LEFT HAND
PCR-1S ..............RIGHT HAND
TYPICAL USE:
Emergency shutdown of conveyors or other machinery.

1-TWO CIRCUIT:
double break microswitch for D.C. circuits
PCL-1T .................LEFT HAND
PCR-1T ...............RIGHT HAND
TYPICAL USE:
Emergency shutdown of conveyors or other machinery.

2-SINGLE POLE:
double throw microswitch
PCL-2S.................LEFT HAND
PCR-2S ...............RIGHT HAND
TYPICAL USE:
Emergency shutdown of conveyors or other machinery – with alarm or secondary function capability.

2-TWO CIRCUIT:
double break microswitch for D.C. circuits
PCL-2T .................LEFT HAND
PCR-2T ...............RIGHT HAND
TYPICAL USE:
Emergency shutdown of conveyors or other machinery – with alarm or secondary function capability.

2-TWO CIRCUIT:
double break microswitch at each end
PCD-4S........DOUBLE ENDED
TYPICAL USE:
Emergency shutdown of conveyors or other machinery – with alarm or secondary function capability.

1-TWO CIRCUIT:
double break microswitch for D.C. circuits
PCD-4T .............DOUBLE ENDED
TYPICAL USE:
Emergency shutdown of conveyors or other machinery – with alarm or secondary function capability.

2-TWO CIRCUIT:
double break microswitch at each end
PCD-2T........DOUBLE ENDED
TYPICAL USE:
Emergency shutdown of conveyors or other machinery.

1-TWO CIRCUIT:
double break microswitch for D.C. circuits
PCD-2T........DOUBLE ENDED
TYPICAL USE:
Emergency shutdown of conveyors or other machinery.

SPECIAL APPLICATION OPTIONS

HAZARDOUS LOCATIONS:
UL/CSA explosion proof units meet NEMA Type 7 – Class 1 (Div. 1 & 2), Groups C and D, NEMA Type 9 – Class II (Div. 1 & 2), Groups E, F and G for hazardous locations. Add “X” to model number, NO ADDITIONAL CHARGE.

ALTERNATE CONSTRUCTION:
Dual rated enclosure NEMA type 4, 4X & NEMA type 9 – Class II (Div. 1 & 2), Groups E, F and G for hazardous locations, with O-ring gaskets. Add “D” to end of model number.

CORROSIVE LOCATIONS:
Epoxy coated housing with standard flag arms and plated torsion springs. Add “E” to model number.

REMOTE OR DARK LOCATIONS:
Use our red warning light in dark and remote areas (requires two microswitches per end of housing). 125 VAC. (incandescent) NOTE: Available in rain tight, dust tight and explosion proof. Add suffix “L” to model number. 125 VAC LED lamp available by special order.

AVAILABLE OPTIONS:
Explosion-Proof for Hazardous locations • Epoxy Coating for Corrosive locations

AVAILABLE OPTIONS:
Explosion-Proof for Hazardous locations • Epoxy Coating for Corrosive locations • Optional Light for Remote or dark locations

ACCESSORIES

CABLE SUPPORT EYE BOLT
1” eye x 6” zinc plated. 1/2”-13 x 2½”” thread. Includes two nuts and one lockwasher. PC-27

CABLE END FITTING
Forged steel saddle and steel U-bolt. Galvanized. PC-28

CONDUIT PLUG
1” metal. PC-29 PC-29X

SAFETY CABLE
3/32" x 7x7 preformed, galvanized aircraft cable. Available with either orange vinyl or orange nylon protective coating. 3/16” O.D. Vinyl Coated PC-25 Nylon Coated PC-26

PC MOUNTING BRACKET
PC-30

CABLE SUPPORT EYE BOLT
100’ MAXIMUM

CABLE END FITTING
100’ MAXIMUM

SAFETY CABLE
100’ MAXIMUM

PC MOUNTING BRACKET
100’ MAXIMUM

TECHNICAL INFORMATION
UL/CSA certified enclosure sealed for outside applications • Standard unit meets NEMA Type 1,3,4,4X and 12 requirements • Housing: cast aluminum • Flag arm: steel with red powder coating

HAZARDOUS LOCATIONS:
UL/CSA explosion proof units meet NEMA Type 7 – Class 1 (Div. 1 & 2), Groups C and D, NEMA Type 9 – Class II (Div. 1 & 2), Groups E, F and G for hazardous locations. Add “X” to model number, NO ADDITIONAL CHARGE.

ALTERNATE CONSTRUCTION:
Dual rated enclosure NEMA type 4, 4X & NEMA type 9 – Class II (Div. 1 & 2), Groups E, F and G for hazardous locations, with O-ring gaskets. Add “D” to end of model number.

CORROSIVE LOCATIONS:
Epoxy coated housing with standard flag arms and plated torsion springs. Add “E” to model number.

REMOTE OR DARK LOCATIONS:
Use our red warning light in dark and remote areas (requires two microswitches per end of housing). 125 VAC. (incandescent) NOTE: Available in rain tight, dust tight and explosion proof. Add suffix “L” to model number. 125 VAC LED lamp available by special order.
The PC Stop Control can be used for emergency shutdown of conveyor systems, elevator equipment, bulk handling systems, cranes, production and assembly lines, or any other equipment which may require immediate, positive shutdown.

SEE OUR OTHER BULLETINS FOR ADDITIONAL PRODUCTS TO KEEP YOUR CONVEYOR OPERATING SMOOTHLY