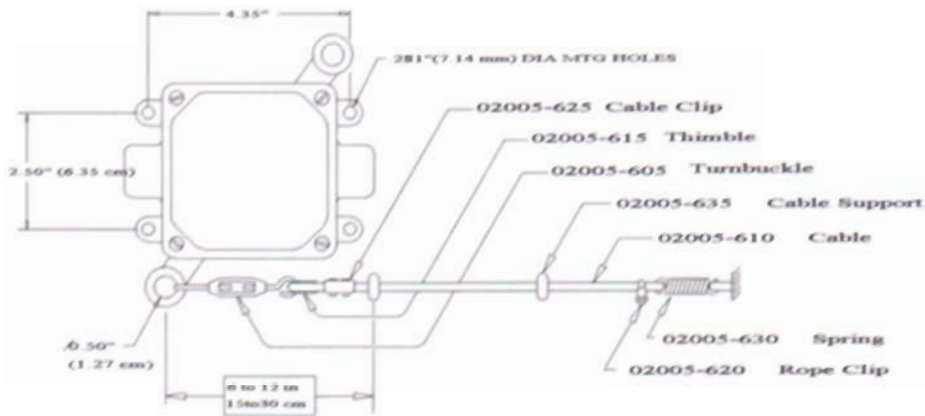


INSTALLATION INSTRUCTIONS

for ROPE OPERATED SEQUENCE SWITCHES

Manual Reset	04945-000	04945-500	04945-800
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Note: Seal unused conduit opening(s) with approved plug(s).

Accessories are NOT supplied with switch.
NOR are they required for all installations.

Since every installation is unique and separate, the following instructions can be considered flexible. There are some basic switch setup procedures that must be observed and they are so indicated. The balance of the suggestions and information is subject to change to accommodate those most familiar and responsible for the installation.

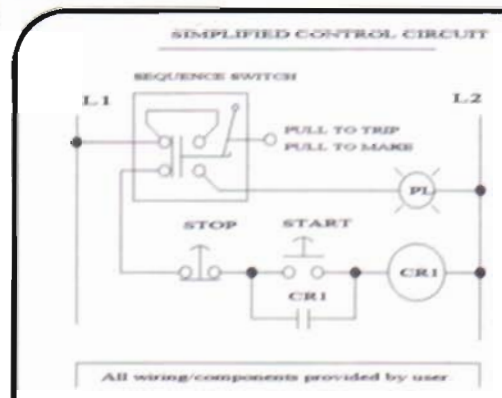
INSTALLATION:

1. Observe all SAFETY REQUIREMENTS and PROCEDURES during installation, set-up and running.
2. N.E.C. and local wiring codes **MUST** be followed at all times.
3. The cable switch **MUST** be mounted on a flat surface! (Recommend 1/4-20 Bolts torqued to ~60in/lb. ~ 69 cm-kg)
4. The first cable/rope support **SHOULD** be located 0.5 to 1.0 ft. (15 to 30 cm) from the switch.
5. The first cable support **SHOULD** be located so that the cable/rope is aligned with the switch shaft within 5 degrees.
6. It is recommended that the balance of the cable supports be spaced at intervals **NOT** exceeding 10 feet (3m).
Supports at properly spaced intervals are necessary to insure that the cable/rope weight will **NOT** affect switch operation.
7. The maximum recommended cable/rope length is 200 feet (60.69m) and **SHOULD** be in as straight a line as possible.
8. Wiring **SHOULD** be through the motor control circuit. (See reference diagram below)
9. After applying power to the control circuit, operate the device to check slack before break and for complete device reset.
10. To reset the manual switches, Push the ring eye toward the switch body until it is reset (latched in place)
11. Adjust the cable length to obtain the proper function.

NOTE: All cable/rope material will stretch with use and/or temperature changes and a readjustment will be necessary to maintain the original settings.

MAINTENANCE:

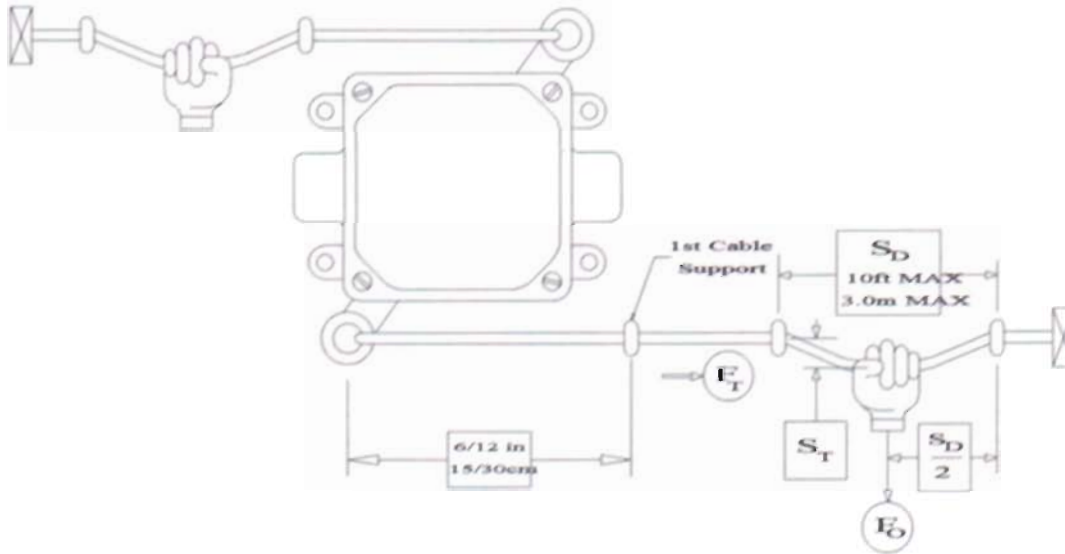
1. Regular Preventive Maintenance inspections are recommended.
2. Some conditions to watch for are:
 - Proper trip and reset tensions.
 - Physical damage to the device.
 - Physical damage to the cable/rope.
 - Frayed wiring.
 - Loose cable/rope connections.
 - Any loose components.
 - Any worn components.
3. If other assistance is desired please contact the factory.



REES, Inc. P.O.Box 852 Fremont, IN 46737 260-495-9811; FAX 260-495-2186

SPECIFICATIONS / APPROVALS

for ROPE OPERATED SEQUENCE SWITCHES



- F_T = The value of force, along the cable, which trips the switch.
- F_O = The value of force, applied by the operator perpendicular to the cable, which will trip the switch.
- S_D = The distance between the cable supports.
- S_T = The distance the cable is deflected at the time of tripping.

Catalog Number	Contact Arrangement	Reset Style	H Conduit Opening	F_T Trip Force	$S_D = 5\text{ft.} / 1.5\text{m}$		$S_D = 10\text{ft.} / 3.0\text{m}$	
					F_O	S_T	F_O	S_T
04945-000	1 NO + 1 NC	Manual	1/2" NPT	10 lb. 4.5 kg	1.8 lb. 0.8 kg	3.0 in. 7.6 cm	1.2 lb. 0.5 kg	4.0 in. 10.2 cm
04945-500								
*04945-800	1 NO + 1 NC MBB							

UL listed (File E 58589); **CSA certified** (File LR 3648); **CE marked**; **D marked** (FI 17205)

These switches comply with UL - 508; CSA - C 22.2 No.14-M1987; EN 60947-1:1997; EN 60947-5-1:1997

IEC Ratings: Utilization = AC 15, DC 13; $U_e = 600\text{vAC}$; $U_e = 125\text{vDC}$; $U_i = 600\text{vAC}$; $U_{imp} = 2.5\text{ kV}$; $I_{th} = 10\text{ A}$

NEMA Ratings: AC = A 600; DC = N 150

Operating Position: Can be mounted in any position.

Mechanical Life Rating = 150,000 operations

Fusing Requirements: 10A Slow Acting; 16A Fast Acting

*Certifications do not currently apply.

AVAILABLE ACCESSORIES:

02005-605	02005-610	02005-615	02005-620	02005-625	02005-630	02005-635	40100-002
Tumbuckle Tension Adj.	Cable, Steel	Thimble, Strain Relief	Rope Clip Standard	Cable Clip Option	Spring, Tension	Eye Bolt Cable Support	120 volt Pilot Light
	 (Red Vinyl)						

WARNING - DANGER

These products should only be used where point-of-operation guarding devices have been properly installed and maintained so that all appropriate OSHA and ANSI B11.1 regulations and standards are met. Misapplication of these products on machinery lacking effective point-of-operation safeguards can cause serious injury to the operator of that machinery.