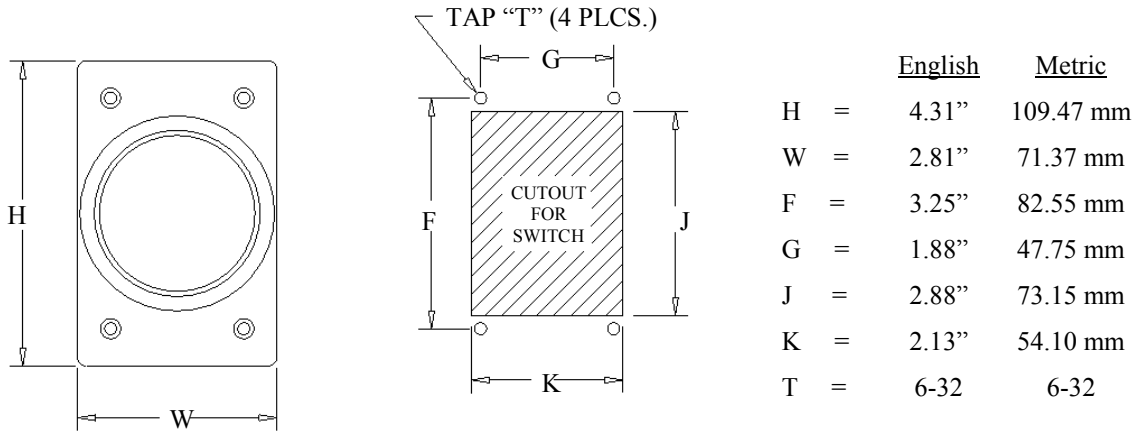


INSTALLATION INSTRUCTIONS
for SINGLE PLUNGER
EMERGENCY STOP
PUSHBUTTON SWITCHES

01981-002	02182-002	02182-102	02182-202
02510-002	02510-102	02650-002	02650-102
03476-002	02182-302	02650-022	02650-122
04596-002	04596-232		



Note: See current Specifiers Guide for detailed dimensional drawings of each device.

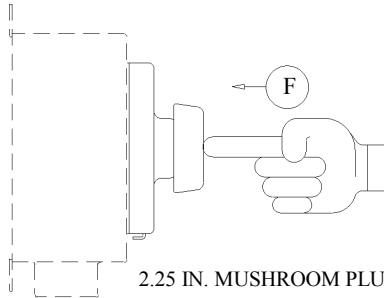
INSTALLATION:

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 or in an enclosure (Mounting screws are supplied with each switch).
4. Before wiring be sure to place the supplied gasket on the switch.
5. Wire as required, torque each used terminal screw to 18 in.-lbs. (20.7 cm-kg).
6. After wiring, place the switch into the enclosure taking care to route the wires away from the back of the switch so that they do not become entangled and interfere with the operation of the device.
7. Secure the switch with the mounting screws. Torque to approximately 7 in./lbs. (8.06 cm-kg).
8. Wiring SHOULD be through a control circuit.
9. After applying power to the control circuit, operate the device to check for proper installation.

MAINTENANCE:

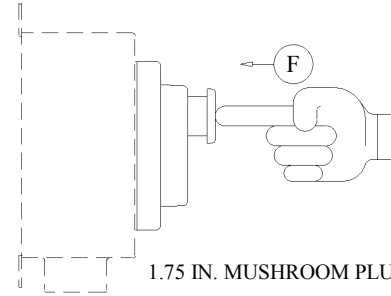
1. Regular Preventive Maintenance inspections are recommended.
2. Some conditions to watch for are:
 - a. Physical damage to the device.
 - b. Frayed wiring.
 - c. Any loose components.
 - d. Any worn components.
3. If other assistance is desired please contact the factory.

SPECIFICATIONS / APPROVALS
for SINGLE PLUNGER
EMERGENCY STOP
PUSHBUTTON SWITCHES



2.25 IN. MUSHROOM PLUNGER

F = The value of force, in pounds,
which trips the switch.



1.75 IN. MUSHROOM PLUNGER

Catalog Number	Contact Arrangement	Plunger / Operator			Lock Hole Diameter (IN./mm)	Positive Break	F LBS. (kg)
		Style	Color	Material			
01981-002	#62 (NO + NC) Make Before Break	2.25 in. Msh. (57 mm)	Red	Plastic	0.31 / 7.87	Yes	18 (8.2)
02182-002	#09 (NO + NC)	2.25 in. Msh. (57 mm)	Red	Plastic	0.31 / 7.87	Yes	19.6 (8.9)
02182-102	#09 (NO + NC)	2.25 in. Msh. (57 mm)	Red	Plastic	None	Yes	19.6 (8.9)
02182-202	#09 (NO + NC)	2.25 in. Msh. (57 mm)	Red	Plastic	0.25 / 6.35	Yes	19.6 (8.9)
02182-302	#09 (NO + NC)	2.25 in. Msh. (57 mm)	Red	Plastic	None	Yes	19.6 (8.9)
02510-002	#09 (NO + NC)	2.25 in. Msh. (57 mm)	Red	Plastic	0.31 / 7.87	Yes	14.9 (6.8)
02510-102	#09 (NO + NC)	2.25 in. Msh. (57 mm)	Red	Plastic	None	Yes	14.9 (6.8)
02650-002	#11 (NC - NC)	2.25 in. Msh. (57 mm)	Red	Plastic	0.31 / 7.87	Yes	16.4 (7.4)
02650-022	#11 (NC - NC)	2.25 in. Msh. (57 mm)	Red	Plastic	0.31 / 7.87	Yes	16.4 (7.4)
02650-102	#11 (NC - NC)	2.25 in. Msh. (57 mm)	Red	Plastic	None	Yes	16.4 (7.4)
02650-122	#11 (NC - NC)	2.25 in. Msh. (57 mm)	Red	Zinc (painted)	None	Yes	16.4 (7.4)
03476-002	#09 (NO + NC)	2.25 in. Msh. (57 mm)	Red	Zinc (painted)	0.31 / 7.87	Yes	18 (8.2)
04596-002	#07 (NC - NC)	1.75 in. Msh. (44.5 mm)	Red	Plastic	N/A	Yes	15.7 (7.1)
04596-232	#69 (2NO + 2NC) Make Before Break	1.75 in. Msh. (44.5 mm)	Red	Plastic	N/A	Yes	15.7 (7.1)

These switches comply with: **UL listed** PER UL-508; File E 58589 **CSA certified** PER C 22.2 No. 14; Cert. 1316431
Demko certified EN 60947-5-1: 2004 + A1:2009, EN 60947-5-5: 1997 + A11/2013 Cert. D-03186 & D-02609
CE marked IEC Ratings: Utilization = A 600, AC 15, N 300, DC 13; Ue = 600 vAC;
 Ue = 250 vDC; Ui = 600 vAC; Uimp = 2.5 kV; Ith = 10A
 Temperature: Operating = 0°C to +55°C (-32°F to +131°F); Storage = -40°C to +85°C (-40°F to +185°F)
 Fusing Requirements: 10A Slow Acting; 16A Fast Acting Mechanical Life Rating = 500,000 operations

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.

AVERTISSEMENT - DANGER

Ces produit doivent seulement être utilisés sur des postes à risque correctement sécurisés et entretenus afin d'être conforme aux standards et réglementations en vigueur (CSA, CLC). Un mauvais usage de ces produits sur des machines et des postes de travail non sécurisés de manière efficace peut causer des blessures graves au technicien maniant ces machines.