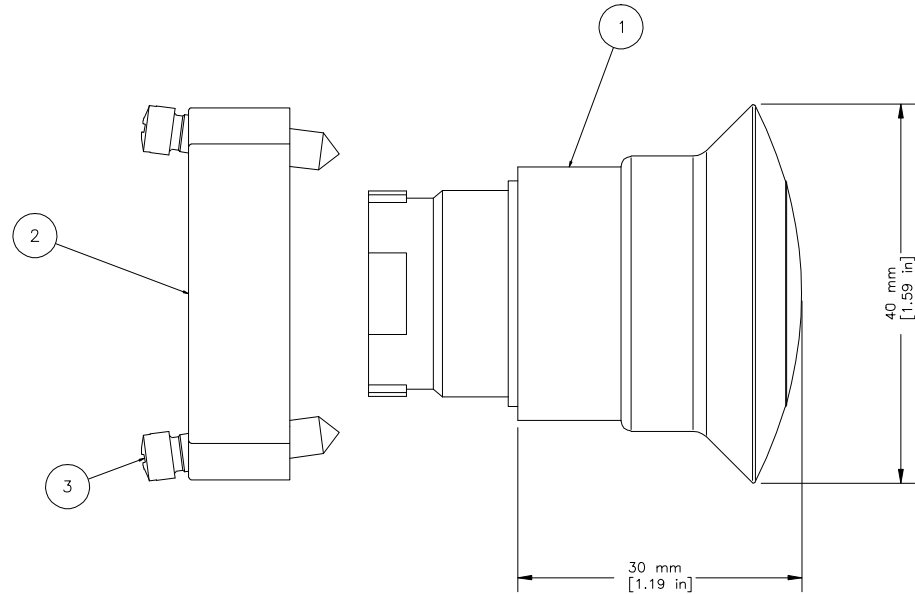
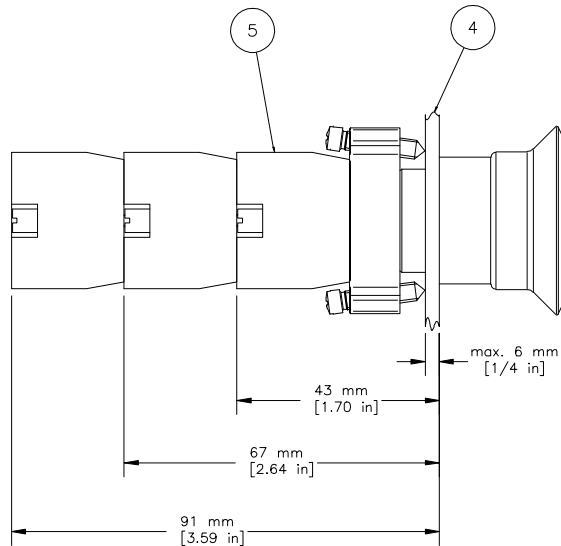
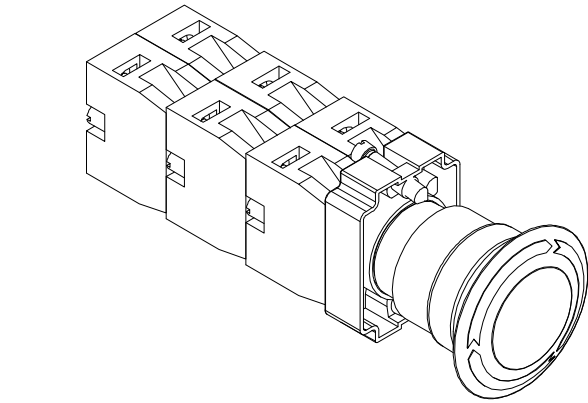


REVISIONS FOR DWG # 1PB-2AMx

REV	CH.NO.	DESCRIPTION	DATE	REVISED BY
-	-	ORIGINAL DESIGN	09/14/07	Phil E.



ITEM	DESCRIPTION	CAT. NO.	COLOR	MIN. QTY.	MAX. QTY.
1	Mushroom Push-Turn Operator (comes with mounting bracket 2BRK)	2AML1	White	1	1
		2AML2	Black	1	1
		2AML3	Green	1	1
		2AML4	Red	1	1
		2AML6	Blue	1	1
		2AML8	Yellow	1	1
2	Mounting Bracket	2BRLK	-	1	1
3	Mounting Bracket Screws	incl. in 2BRK	-	2	2
4	Panel	-	-	-	-
5	Switch Contacts	S1	Green	1	6
		S2	Red	1	6
		S3	Green/Gray	1	6
		S4	Red/Gray	1	6

UNLESS OTHERWISE SPECIFIED

- ALL DIMENSIONS ARE IN MILLIMETERS
- THIRD ANGLE PROJECTION

TOLERANCE

XX	±1mm
XX.X	±0.5 mm
XX.XX	±0.2 mm
ALL	- mm

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Altech Corp.

35 Royal Road
Flemington NJ 08822-6000
(908) 806-9400 • Fax (908) 806-9490

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TITLE: 22 mm Non-Illuminated Mushroom Momentary Metal Operator 2AMx (x=color)

DRAWN BY: Philipp Ernstberger	09/14/07	DRAWING NO.:	1PB-2AMx	REV.:	-
CHECKED BY: Laszlo Gyorgypal	09/14/07	SCALE:	-	SHEET:	1 OF: 1
RELEASED BY: Laszlo Gyorgypal	09/14/07				

22mm Specifications

Electrical and Mechanical Characteristics

Standard conformity:	IEC 60947-5-1
Approvals:	VDE0660 CSA - C22.2 No. 14-95 UL508 IEC 947 - 5 (1) 1990, IS 13947 ASTA UK certified as per IEC 947 - 5 - (1) 1990
Degree of protection:	IP 65 as per IEC 529 NEMA Type 4X, 12 as per UL50
Temperature Range:	- 25°C to + 70°C (-13°F to +158°F)

Contact Block

Rated insulation voltage:	500V
Rated thermal current:	10A
Contact operation:	self-wiping, slow break NO or NC
Make and break capacity as per IEC 947 - 5 - (1) 1990:	AC 15 4A, 415V AC DC 13 0.5A, 110V DC
As per CSA - C22.2 No. 14-95, UL508:	A600 Q600 (pilot Duty)
Terminal capacity:	minimum 1 x 0.5 mm ² (20 AWG) maximum 2 x 1.5 ² mm ² (2x16 AWG) or 1 x 2.5 mm ² (1x14 AWG)
Terminal marking:	1-2 for NC, 3-4 for NO
Short circuit protection:	10A cartridge fuse HRC type, rated for resistive loading
Mechanical life:	Over 1 million operations

Electric rating (for 1 million operation cycles,
operation at 3600 cycles per hour, load factor 0.5)

$$\text{AC 15} \frac{\text{V}}{\text{A}} \begin{array}{ccc} 24 & 120 & 230 \\ 4 & 3 & 2 \end{array}$$

$$\text{DC 13} \frac{\text{V}}{\text{A}} \begin{array}{ccc} 24 & & 110 \\ 0.5 & & 0.2 \end{array}$$

Modules for Pilot Lights & Illuminated Switches with LED Bulbs

Current consumption (applicable to all colors)

24 VAC/DC, 100 VAC & 240 VAC:	max. 20 mA
110 VDC:	max. 15 mA
220 VDC:	max. 10 mA
Service life (at nominal voltage and at ambient temperature of 25°C):	100,000 hours
Voltage limits (nominal voltage):	<20% of rated voltage>
Short circuit protection:	on specific request
Terminal capacity:	min. 1 x 0.5 mm ² (20 AWG), max. 2 x 1.5 mm ² (2x16 AWG) or 1 x 2.5 mm ² (1x14 AWG)