

EM22/EP22 Series Heavy-duty Emergency Stop Switches

Features

- Conforms with EN60947-5-1
- All metal construction
- Locked/unlocked status indicator
- Resistant to impact, vibration and shock
- Sealed to IP65, IP67 and IP69K

General Specifications

Housing Material	Diallylphthalate (or Fiber Reinforced Plastics)
Button Material	Aluminium, red anodised (or Plastic)
Contact Resistance	10mΩ max.
Dielectric Strength	1000V for 1 minute
Currnet/voltage rating:	3A 24VDC
OperatingTemperature	-55~+85°C (-67 ~185°F)
Mechanical Life	Min. 100,000 (operatings)
Operating Characteristics:	Travel to lock: 2.2mm Total travel: 4.2mm Torque: 5-14 N-m Operting force: Push 30N, Pull 25N
Panel Thickness:	6mm (0.236") max

Environmental Specifications

IEC 60947-5-1 / EN 60947-5-1	
Sealing	IP65, IP67 and IP69K
Slat Spray	96 hours according to IEC 69-2-11
Vibrations	10-500 Hz - 10 g according to IEC 68-2-6
Shock resistance	50 g according to IEC 68-2-27
Robustness (axial)	IK10

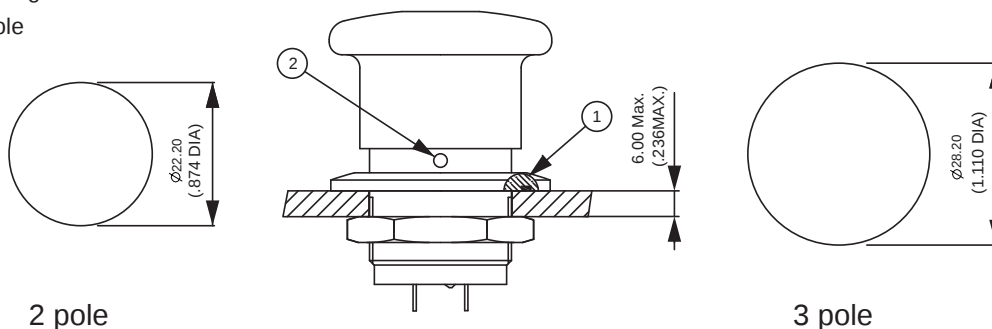


Selection Guide:

EM22 - Material	ES - Emergency Stop Switch	R - Button Color	Y - Bezel Color	120 - Indicator Light Voltage	G - Indicator Light Color	P1 - Contact	P - Terminal Style
EM: Full metal construction EP: Plastic		R: Red anodised	Y: Yellow	Blank: No light 5: 5V 12: 12V-14V 24: 24V-48V 48: 48V 120: 120V 240: 240V	Blank: No light G: Green	P1: 1NO/1NC (double pole only) P2: 2NO/2NC (double pole only) P8: 2NC (double pole only) P28: 1NO+2NC (three pole only)	Blank: Solder Lug P: Straight PC

Picture and Dimensions:

- ① O-ring
- ② Hole

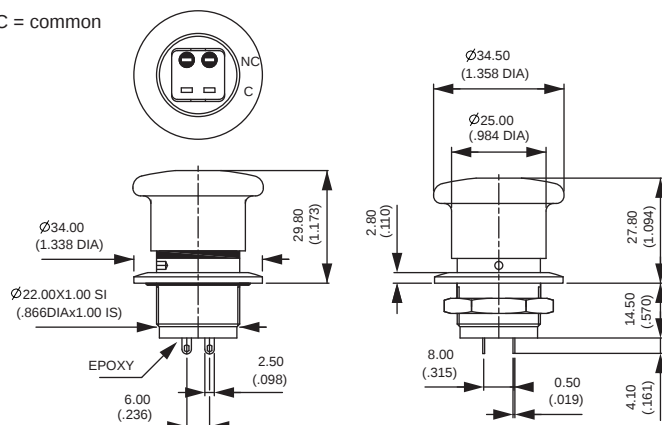


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EM22-ES-RY-P8



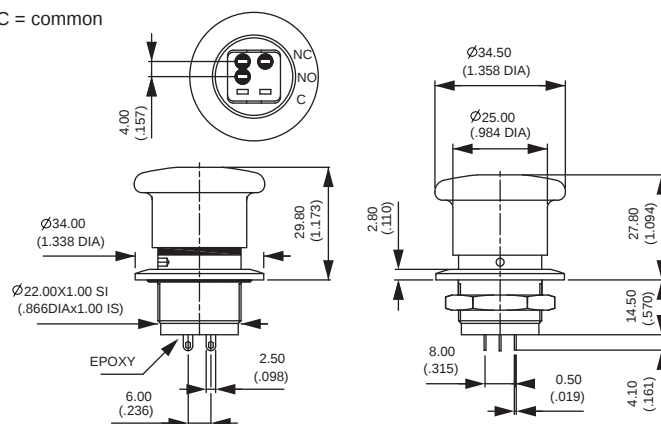
C = common



EM22-ES-RY-P1



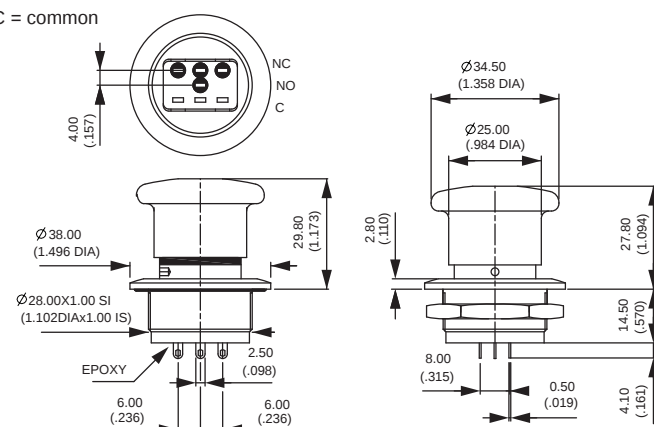
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EM22-ES-RY-P28



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Straight PC terminal

