

Emergency Stop Switch

multicomp PRO

**RoHS
Compliant**



Specifications

Mechanical Life	: >0.25 million operations
Electrical Life	: >0.1 million operations
Electrical Durability	: 1,000,000 cycles AC-15, 230V/1.6A 1,000,000 cycles DC-13, 24V/0.6A
Rated Insulation Voltage	: 300V
Rated Thermal Current	: 5A
Contact Resistance	: 100mΩ max. (at 1A 6-8V DC)
Insulation Resistance	: 100MΩ (at 500V DC)
Dielectric Strength	: 2000V AC 50/60 Hz for 1 min
Panel Thickness	: 0.8mm to 12mm
Degree of protection	: IP66, Type 4X Indoor use only & Type 13 IP30 (under panel)
Storage Temperature	: -40°C to +85°C
Operating Temperature	: -25°C to +55°C
Operating Humidity	: 45% to 85% RH
Wire Diameter	: 16~26 AWG, 0.2~1.5mm ²
Stripping Length	: 8mm
Torque	: 1N*m

Contact Ratings (B300/R300)

Rated Insulation Voltage		300V			
Rated Thermal Current		5A			
Operating Voltage		12V	30V	125V	250V
AC	Resistive Load (AC-12)	5A	5A	4A	2A
50/60 Hz	Inductive Load (AC-15)	5A	5A	3A	1.5A
DC	Resistive Load (DC-12)	1A	1A	0.32A	0.16A
	Inductive Load (DC-13)	1A	1A	0.22A	0.11A

Contact Block Mounting Position

Configuration	Contact		Operator Position	
	Mounting	Position	Free	Push
10	1	NO		•
	2	-		
20	1	NO		•
	2	NO		•
01	1	NC	•	
	2	-		
02	1	NC	•	
	2	NC	•	
11	1	NO		•
	2	NC	•	

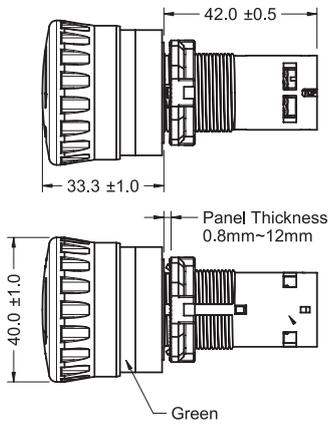
Note: 1. There are no → function for 1NO(10) & 2NO(20)

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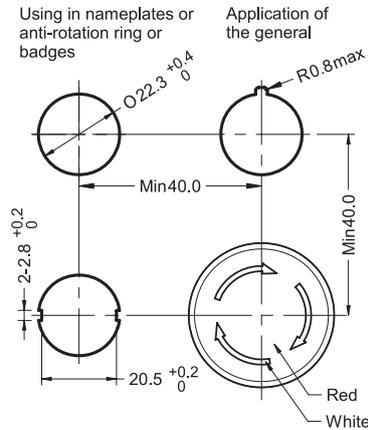
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Emergency Stop Switch

Product Appearance



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Part Number Explanation

MCC2E

-

BV

E

XX

R

Type

Pull/Turn to Reset
Mushroom

Standard

Contact

Red

01: 1NC

02: 2NC

10: 1NO

20: 2NO

11: 1NO+1NC

Part Number Table

Description	Part Number
Non-Illuminated Emergency Stop Switch, 40mm, 1NO, Red	MCC2E-BVE10R
Non-Illuminated Emergency Stop Switch, 40mm, 1NC, Red	MCC2E-BVE01R
Non-Illuminated Emergency Stop Switch, 40mm, 2NO, Red	MCC2E-BVE20R
Non-Illuminated Emergency Stop Switch, 40mm, 2NC, Red	MCC2E-BVE02R
Non-Illuminated Emergency Stop Switch, 40mm, 1NO+1NC, Red	MCC2E-BVE11R

Dimensions : Millimetres

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