

# Catalogue No: **800FM-MT44MX01S**

## PB 22.5mm METAL E-STOP MR HD 40mm N/ILL TTR MLM RED 1NC SELF

Operator Control Devices > Pushbuttons and Control Switches > Pushbuttons and Pilot Lights > Allen-Bradley 800F Pushbuttons and Pilot Lights > 800F Emergency Stop Operators > 800F Complete Emergency Stop Operators



### PBUTT 40MM MUSHROOM TWIST/RELEASE RED 1NC SAFETY CONTACT



Representative Photo Only  
(actual product may vary based on configuration selections)

- The 800F range of 22.5mm operator control devices includes a diverse range of products making it suitable for use in a wide range of applications. Products in the range include pushbuttons, selector switches, pilot lights, emergency stop operators and more.
- Operators are available in both plastic (800FP) and metal (800FM) variants.

#### SPECIFICATIONS

Product Series	800FM
Component Type Pushbutton and Pilot Lights	E-Stop
Operator Type	E-Stop, Mushroom Head type
Operator Action	Twist to Release action
Diameter, Operator	40 mm
Colour, Operator	Red colour
Material, Operator	Metal material
Material, Bezel	Zinc
Coupling Plate Included	Yes Y / N
Material, Coupling Plate	Chrome-Plated Zinc Alloy
Tightening Torque, Nominal	4.4 Nm
Material, Body / Housing	Metal material
Mounting	22.5mm Mounting
Contact Block Included	Yes
Contact Configuration	1 NC, SMCB
In, Rated Current	10 A
Ie, Rated Operational Current, AC-1, 240V	10 A@240V
Ie, Rated Operational Current, AC-15, 110-120V	6 A@110-120V
Ie, Rated Operational Current, AC-15, 240V	3 A@240V
Ie, Rated Operational Current, AC-15, 415V	2.2 A@415V
Ie, Rated Operational Current, DC-13, 125V	0.6 A@125V
Ui, Rated Insulation Voltage	690 V (rms)
Material, Contacts	Silver Nickel (AgNi) material
Terminal Type	Screw Terminal(s)
Material, Terminal	Brass
Tightening Torque, Min	0.7 Nm
Tightening Torque, Max	0.9 Nm
Material, Spring	Stainless Steel

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Operating Force	3.6 N
Linear Travel to Actuation	1.5 mm
Pickup Voltage	17 V
Pickup Current	5 mA
Ith, Thermal Current, Open	10 A
Wire / Conductor Size (Min)	0.75 mm <sup>2</sup> min
Wire / Conductor Size (Max)	2.5 mm <sup>2</sup>
Dielectric Strength	2.5kV for 1 minute V AC
Recommended Fuse Current Rating	10 A
Fuse Characteristic Type(s)	gL/gG
Illuminated	No Y / N
Mechanical Service Life	300000 cycles
RoHS Approved	Yes
CE Marked	Yes
Operating Temperature, Max	70 °C max
Operating Temperature, Min	-25 °C min
Storage Temperature, Max	85 °C max
Storage Temperature, Min	-40 °C min
Relative Humidity, Min	50 %RH
Relative Humidity, Max	95 %RH
IP Rating	IP65 IP66
Shock Acceleration (Max.)	100 g
Shock Duration (Max.)	11 ms
Vibration Acceleration (Max.)	10 m/s <sup>2</sup>
Vibration Displacement (Peak to Peak Max.)	1.52 mm
Vibration Frequency, Operational (Max.)	2000 Hz
Vibration Duration (Max.)	180 min
Standards Compliance	NEMA ICS-5 UL 508 EN 60947-1 EN 60947-5-1 EN 60947-5-5 IEC 60947-1 ISO 13850
Certifications	UR UL CSA CCC CE RoHS
Shipping Approvals	ABS (American Bureau of Shipping)

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## REFERENCES

IECEX Certificate -

Supplier Declaration of  
Conformity: -

Installation Guide: -

User Manual: -

Manufacturer Datasheet: [800F\\_Manufacturer Datasheet](#)

Manufacturer Catalogue  
& Product Selection: [800F\\_Manufacturer Catalogue](#)