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

- 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.

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

Product Series	800FM
Component Type Pushbutton and Pilot Lights	E-Stop
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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
le, Rated Operational Current, AC-1, 240V	10 A@240V
le, Rated Operational Current, AC-15, 110-120V	6 A@110-120V
le, Rated Operational Current, AC-15, 240V	3 A@240V
le, Rated Operational Current, AC-15, 415V	2.2 A@415V
le, 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 Trave to Actuation 1.5 mm Pickup Voltage 17 V Pickup Current 5 mA Wire J Conductor Size (Min) 0.75 mm² min Wire J Conductor Size (Min) 2.5 mm² Dielectric Strength 2.5 v 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, Max 85 °C max Storage Temperature, Max 85 °C max Storage Temperature, Max 95 %RH Relative Humidity, Min 95 %RH Relative Humidity, Max 95 %RH Place of Limit (Max.) 11 ms Shock Acceleration (Max.) 10 mys² Vibration Displacement (Peak to Peak Max.) 1.52 mm Vibration Displacement (Peak to Peak Max.) 1.52 mm Vibration Duration (Max.) 180 min <th></th> <th></th>		
Pickup Voltage 17 V Pickup Current 5 mA Ith, Thermal Current, Open 10 A Wire / Conductor Size (Min) 0.75 mm² min Wire / Conductor Size (Max) 2.5 mm² Dielectric Strength 2.5 kW 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 Storage Temperature, Max 85 °C max Storage Temperature, Min -25 °C min Storage Temperature, Min -40 °C min Relative Humidity, Min 50 °kRH Relative Humidity, Max 95 °kRH IP Rating IP66 Pock Duration (Max.) 10 m/s² Vibration Displacement (Peak to Peak Max.) 1.52 mm Vibration Frequency, Operational (Max.) 10 m/s² Vibration Frequency, Operational (Max.) 10 m/s² Vibration Frequency, Operational (Max.)	Operating Force	3.6 N
Pickup Current 5 mA Ith, Thermal Current, Open 10 A Wire / Conductor Size (Min) 0.75 mm² min Wire / Conductor Size (Max) 2.5 mm² Dielectric Strength 2.5 kV 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, Min 40 °C min Relative Humidity, Min 50 %RH Relative Humidity, Max 95 %RH IP Rating IP66 Shock Acceleration (Max.) 10 m/s² Vibration Displacement (Peak to Peak Max.) 1.52 mm Vibration Displacement (Peak to Peak Max.) 1.62 mm Vibration Divation (Max.) 180 min Standards Compliance NEMA (CS-6 UL) 50 minute (CC CC CE Rolls) Lice Good47-1 is Net Goods NEMA (CS-6 UL) 50 minute (CC CC CE Rolls)	Linear Travel to Actuation	1.5 mm
Ith, Thermal Current, Open	Pickup Voltage	17 V
Wire / Conductor Size (Max) 0.75 mm² min Wire / Conductor Size (Max) 2.5 mm² Dielectric Strength 2.5 kV 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, Min 40 °C min Storage Temperature, Min 40 °C min Relative Humidity, Min 50 %RH Relative Humidity, Max 95 %RH IP Rating IP66 Shock Acceleration (Max.) 10 m/s² Shock Duration (Max.) 11 ms Vibration Displacement (Peak to Peak Max.) 1.52 mm Vibration Duration (Max.) 180 min Standards Compliance NEM I CS-5 UL 508 EN 60947-1 EN 60947-5-1	Pickup Current	5 mA
Wire / Conductor Size (Max) 2.5 mm² Dietectric Strength 2.5KV for 1 minute VAC Recommended Fuse Current Rating 10 A Fuse Characteristic Type(s) gL/gG Illuminated No Y/N Mechanical Service Life 300000 cycles RoHS Approved Yes Operating Temperature, Max 70 °C max Operating Temperature, Max 70 °C max Operating Temperature, Max 85 °C max 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 IP65 P65 Shock Acceleration (Max.) 10 m/s² Shock Acceleration (Max.) 11 ms Vibration Displacement (Peak to Peak Max.) 1.52 mm Vibration Displacement (Peak to Peak Max.) 1.52 mm Vibration Duration (Max.) 10 m/s² Vibration Duration (Max.) 180 min Standards Compliance NEMA ICC-5 UL 508 EN 60947-1 IEC 60947-1 IEC 60947-1 IEC 60947-1 IEC	Ith, Thermal Current, Open	10 A
Dielectric Strength	Wire / Conductor Size (Min)	0.75 mm² min
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, Min 40 °C min Relative Humidity, Min 50 %RH Relative Humidity, Max 95 %RH IP Rating IP66 Shock Acceleration (Max.) 100 g Shock Duration (Max.) 11 ms Vibration Displacement (Peak to Peak Max.) 1.52 mm Vibration Duration (Max.) 180 min Standards Compliance NEMA ICS-5 UL 508 EN 60947-1 EN 6	Wire / Conductor Size (Max)	2.5 mm ²
Fuse Characteristic Type(s) gL/gG	Dielectric Strength	2.5kV for 1 minute V AC
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, Min 40 °C min Relative Humidity, Min 50 %RH Relative Humidity, Max 95 %RH IP Rating IP65 IP66 IP66 IP66 Shock Acceleration (Max.) 11 ms Vibration Acceleration (Max.) 10 m/s² Vibration Frequency, Operational (Max.) 1.52 mm Vibration Duration (Max.) 180 min Standards Compliance NEMA ICS-5 IEC 60947-1 EN 60947-5-1 EN 60947-5-1 EN 60947-5-1 EN 60947-5-1 EN 60947-5-1 EN 60947-5-1 EN 60947-5-1 EN 60947-5-1 EN 60947-5-5 IEC 60947-1 EN 60947-5-5 EC 60947-1 EN 60947-1	Recommended Fuse Current Rating	10 A
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, Min -40 °C min Relative Humidity, Min 50 %RH Relative Humidity, Max 95 %RH IP Rating IP66 Shock Acceleration (Max.) 100 g Shock Duration (Max.) 11 ms Vibration Displacement (Peak to Peak Max.) 1.52 mm Vibration Duration (Max.) 2000 Hz Vibration Duration (Max.) 180 min Standards Compliance NEMA ICS-5 UL 508 EN 60947-1 EN 60947-5-1 EN 60947	Fuse Characteristic Type(s)	gL/gG
RoHS Approved Yes CE Marked Yes Operating Temperature, Max 70 °C max Operating Temperature, Min -25 °C min 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 Displacement (Peak to Peak Max.) 1.52 mm Vibration Duration (Max.) 180 min Standards Compliance NEMA Compliance N	Illuminated	No Y/N
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/s² 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 60947-5-1 EN 60947-5-1 EN 60947-5-5 IEC 60947-1 EN 60947-	Mechanical Service Life	300000 cycles
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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/s² Vibration Displacement (Peak to Peak Max.) 1.52 mm Vibration Frequency, Operational (Max.) 2000 Hz Vibration Duration (Max.) 180 min Standards Compliance VERM SEN 60947-1 EN 60947-5-5 IEC 60947-1 EN 60947-5-5 IEC 60947-1 ISO 13850 Certifications UR UL CSA CCC CER RoHS	CE Marked	Yes
Storage Temperature, Max Storage Temperature, Min Relative Humidity, Min Relative Humidity, Max 95 %RH Relative Humidity, Max 95 %RH IP Rating IP65 IP66 Shock Acceleration (Max.) 100 g Shock Duration (Max.) 11 ms Vibration Acceleration (Max.) Vibration Displacement (Peak to Peak Max.) Vibration Duration (Max.) 180 min Standards Compliance NEMA ICS-5 UL 508 EN 60947-5 EN 60947-5 IEN 60947-5 IEN 60947-5 IEC 60947-1 ISO 13850 Certifications UR UL CSA CCC CE RoHS	Operating Temperature, Max	70 °C max
Storage Temperature, Min	Operating Temperature, Min	-25 °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/s² 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 60947-5-5 IEC 60947-1 ISO 13850 Certifications UR UR UL CSA CCC CE RoHS	Storage Temperature, Max	85 °C max
Relative Humidity, Max 95 %RH IP Rating IP65 IP66 Shock Acceleration (Max.) 100 g Shock Duration (Max.) 11 ms Vibration Acceleration (Max.) 10 m/s² Vibration Displacement (Peak to Peak Max.) 1.52 mm Vibration Prequency, 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	Storage Temperature, Min	-40 °C min
IP Rating IP65 IP66 Shock Acceleration (Max.) 100 g Shock Duration (Max.) 11 ms Vibration Acceleration (Max.) 10 m/s² 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 60947-5-1 EN 60947-5-1 EN 60947-5-1 ISO 13850 Certifications UR UL CSA CCC CE ROHS	Relative Humidity, Min	50 %RH
Shock Acceleration (Max.) Shock Duration (Max.) Vibration Acceleration (Max.) Vibration Displacement (Peak to Peak Max.) Vibration Duration (Max.) Vibration Duration (Max.) Standards Compliance Certifications IP66 100 g 11 ms 10 m/s² 2000 Hz 2000 Hz Vibration Duration (Max.) 180 min 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	Relative Humidity, Max	95 %RH
Shock Duration (Max.) Vibration Acceleration (Max.) Vibration Displacement (Peak to Peak Max.) Vibration Frequency, Operational (Max.) Vibration Duration (Max.) Standards Compliance Vibration Duration (Max.) Standards Compliance Vibration Duration (Max.) Vibration Duration (Max.) Vibration Duration (Max.) NEMA I CS-5 UL 508 EN 60947-1 EN 60947-5-1 EN 60947-5-5 EN 60947-1 ISO 13850 Certifications UR UL CSA CCC CE RoHS	IP Rating	
Vibration Acceleration (Max.) Vibration Displacement (Peak to Peak Max.) Vibration Frequency, Operational (Max.) Vibration Duration (Max.) Standards Compliance NEMA ICS-5 UL 508 EN 60947-5-1 EN 60947-5-5 IEC 60947-1 ISO 13850 Certifications UR UL CSA CCC CE RoHS	Shock Acceleration (Max.)	100 g
Vibration Displacement (Peak to Peak Max.) Vibration Frequency, Operational (Max.) Vibration Duration (Max.) Standards Compliance NEMA ICS-5 UL 508 EN 60947-1 EN 60947-5-5 IEC 60947-1 ISO 13850 Certifications UR UL CSA CCC CE RoHS	Shock Duration (Max.)	11 ms
Vibration Frequency, Operational (Max.) 2000 Hz Vibration Duration (Max.) Standards Compliance NEMA ICS-5 UL 508 EN 60947-1 EN 60947-5-5 IEC 60947-1 ISO 13850 Certifications UR UL CSA CCC CE RoHS	Vibration Acceleration (Max.)	10 m/s²
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	Vibration Displacement (Peak to Peak Max.)	1.52 mm
Standards Compliance NEMA ICS-5	Vibration Frequency, Operational (Max.)	2000 Hz
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	Vibration Duration (Max.)	180 min
UL CSA CCC CE RoHS	Standards Compliance	UL 508 EN 60947-1 EN 60947-5-1 EN 60947-5-5 IEC 60947-1
Shipping Approvals ABS (American Bureau of Shipping)	Certifications	UL CSA CCC CE
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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



REFERENCES	
IECEx Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	800F_Manufacturer Datasheet
Manufacturer Catalogue & Product Selection:	800F_Manufacturer Catalogue

