## Catalogue No: 800FP-MT44PX02S

#### PB 22.5mm PLASTIC E-STOP MR HD 40mm N/ILL TTR RED 2NC 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





#### 40MM MUSHROOM HEAD TWIST TO RELEASE 2NC

- 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)

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     Plastic material       Material, Derator     Plastic material       Material, Operator     Glass-Filled Nylon / PA6 / PA66 (Polyamide 6)       Coupling Plate Included     Yes Y / N       Material, Body / Housing     Plastic material       Mounting     22.5mm Mounting       Contact Block Included     Yes       Contact Configuration     2 SMCB       In, Rated Current     10 A       Ie, Rated Operational Current, AC-15, 240V     3 A@240V       Ie, Rated Operational Current, AC-15, 415V     22 A@415V       Ie, Rated Operational		
Component Type Pushbutton and Pilot LightsE-StopOperator TypeE-Stop, Mushroom Head typeOperator ActionTwist to Release actionDiameter, Operator40 mmColour, OperatorRed colourMaterial, OperatorPlastic materialMaterial, OperatorClass-Filled Nylon / PA6 / PA66 (Polyamide 6)Coupling Plate IncludedYes Y / NMaterial, Coupling PlateGlass-Filled Nylon / PA6 / PA66 (Polyamide 6)Tightening Torque, Nominal1.7 NmMaterial, Body / HousingPlastic materialMounting2.5mm MountingContact Block IncludedYesIn, Rated Current10 AIe, Rated Operational Current, AC-15, 240V3 A@240VIe, Rated Operational Current, AC-15, 415V2 A@415VIe, Rated Operational Current, AC-15, 415V2 A@415VIe, Rated Operational Current, AC-15, 415V3 A@240VIe, Rated Operational Current, AC-15, 415V2 A@415VIe, Rated Operational Current, AC-15, 415V3 C@240VIe, Rated Operational Current, AC-15, 415V2 A@415VIe, Rated Operational Current, AC-15, 415V3 C@240VIe, Rated Operational Current, AC-15, 415V2 A@415VIe, Rated Operational Current, AC-15, 415V3 C@240VIe, Rated Operational Current, AC-15, 415V3 C@240V <td>SPECIFICATIONS</td> <td></td>	SPECIFICATIONS	
Operator TypeE-Stop, Mushroom HeadtypeOperator ActionTwist to Release actionDiameter, Operator40 mmColour, OperatorRed colourMaterial, OperatorPlastic materialMaterial, OperatorClass-Filled Nylon / PA6 / PA66 (Polyamide 6)Coupling Plate IncludedYes Y / NMaterial, Coupling PlateGlass-Filled Nylon / PA6 / PA66 (Polyamide 6)Tightening Torque, Nominal1.7 NmMaterial, Body / HousingPlastic materialMounting2.2 Smm MountingContact Block IncludedYesContact Block IncludedYesIn, Rated Querational Current, AC-15, 110-120V6 A@110-120VIe, Rated Operational Current, AC-15, 415V2.2 A@415VIe, Rated Operational Current, AC-15, 415V3 A@240VIe, Rated Operational Current, AC-15, 415V2.2 A@415VIe, Rated Operational Current, AC-15, 415V3 A@240VIe, Rated Operational Current, AC-15, 415V2.2 A@415VIe, Rated Operational Current, AC-15, 415V3 A@240VIe, Rated Operational Current, AC-15, 415V2.2 A@415VIe, Rated Operational Current, AC-15, 415V3 A@240VIe, Rated Operational Cu	Product Series	800FM
Operator ActionTwist to Release actionDiameter, Operator40 mmColour, OperatorRed colourMaterial, OperatorPlastic materialMaterial, BezelGlass-Filled Nylon / PA6 / PA66 (Polyamide 6)Coupling Plate IncludedYe s Y / NMaterial, Coupling PlateGlass-Filled Nylon / PA6 / PA66 (Polyamide 6)Tightening Torque, Nominal1.7 NmMaterial, Body / HousingPlastic materialMounting22.5mm MountingContact Block IncludedYesIn, Rated Current10 AIe, Rated Operational Current, AC-1, 240V10 A@240VIe, Rated Operational Current, AC-15, 110-120V6 A@110-120VIe, Rated Operational Current, AC-15, 240V3 A@240VIe, Rated Operational Current, AC-15, 240V0.6 A@125VUi, Rated Insulation Voltage690 V (ms)Material, CondatsSilver Nickel (AgNi) materialTerminal TypeScrew Terminal(s)Material, TerminalBrassTightening Torque, Min0.7 Nm	Component Type Pushbutton and Pilot Lights	E-Stop
Diameter, Operator40 mmColour, OperatorRed colourMaterial, OperatorPlastic materialMaterial, OperatorGlass-Filled Nylon / PA6 / PA66 (Polyamide 6)Coupling Plate IncludedYes Y / NMaterial, Coupling PlateGlass-Filled Nylon / PA6 / PA66 (Polyamide 6)Coupling Plate IncludedYes Y / NMaterial, Coupling PlateGlass-Filled Nylon / PA6 / PA66 (Polyamide 6)Tightening Torque, Nominal1.7 NmMaterial, Body / HousingPlastic materialMounting22.5mm MountingContact Block IncludedYesContact Configuration2 SMCBIn, Rated Current10 AIe, Rated Operational Current, AC-1, 240V10 A@240VIe, Rated Operational Current, AC-15, 110-120V6 A@110-120VIe, Rated Operational Current, AC-15, 240V3 A@240VIe, Rated Operational Current, AC-15, 240V3 A@240VIe, Rated Operational Current, AC-15, 240V0.6 A@125VUi, Rated Insultation Voltage690 V (rms)Material, ContactsSireer Werminal(S)Terminal TypeScrew Terminal(s)Material, ContactsBrassTightening Torque, Min0.7 NmTightening Torque, Max0.9 Nm	Operator Type	E-Stop, Mushroom Head type
Colour, OperatorRed colourMaterial, OperatorPlastic materialMaterial, BezelGlass-Filled Nylon / PA6 / PA66 (Polyamide 6)Coupling Plate IncludedYes Y / NMaterial, Coupling PlateGlass-Filled Nylon / PA6 / PA66 (Polyamide 6)Tightening Torque, Nominal1.7 NmMaterial, Body / HousingPlastic materialMounting22.5mm MountingContact Block IncludedYesContact Configuration2 SMCBIn, Rated Current10 Ale, Rated Operational Current, AC-1, 240V10 A@240Vle, Rated Operational Current, AC-15, 240V3 A@240Vle, Rated Operational Current, AC-15, 240V3 A@240Vle, Rated Operational Current, AC-15, 240V6 A@110-120Vle, Rated Operational Current, AC-15, 240V3 A@240Vle, Rated Operational Current, AC-15, 240V52.2 A@415Vle, Rated Operational Current, DC-13, 125V0.6 A@125VUi, Rated Insulation Voltage690 V (rms)Material, ContactsSilver Nickel (AgNi) materialTerminal TypeScrew Terminal(s)Material, TerminalBrassTightening Torque, Min0.7 NmTightening Torque, Max0.9 Nm	Operator Action	Twist to Release action
Material, OperatorPlastic materialMaterial, BezelGlass-Filled Nylon / PA6 / PA66 (Polyamide 6)Coupling Plate IncludedYes Y / NMaterial, Coupling PlateGlass-Filled Nylon / PA6 / PA66 (Polyamide 6)Tightening Torque, Nominal1.7 NmMaterial, Body / HousingPlastic materialMounting22.5mm MountingContact Block IncludedYesContact Configuration2 SMCBIn, Rated Current10 Ale, Rated Operational Current, AC-15, 240V6 A@110-120Vle, Rated Operational Current, AC-15, 240V3 A@240Vle, Rated Operational Current, AC-15, 240V0.6 A@125VU, Rated Operational Current, DC-13, 125V0.6 A@125VU, Rated Insulation VoltageSorew Terminal(s)Material, FerminalBrassTerminal TypeScrew Terminal(s)Material, Terminal0.7 NmTightening Torque, Max0.9 Nm	Diameter, Operator	40 mm
Material, BazelGlass-Filled Nylon / PA6 / PA66 (Polyamide 6)Coupling Plate IncludedYes Y / NMaterial, Coupling PlateGlass-Filled Nylon / PA6 / PA66 (Polyamide 6)Tightening Torque, Nominal1.7 NmMaterial, Body / HousingPlastic materialMounting22.5mm MountingContact Block IncludedYesContact Configuration2 SMCBIn, Rated Current10 AIe, Rated Operational Current, AC-1, 240V10 A@240VIe, Rated Operational Current, AC-15, 110-120V6 A@110-120VIe, Rated Operational Current, AC-15, 240V3 A@240VIe, Rated Operational Current, DC-13, 125V0.6 A@125VUi, Rated Insulation Voltage690 V (rms)Material, ContactsSilver Nickel (AgNi) materialTerminal TypeScrew Terminal(s)Material, TerminalBrassTightening Torque, Min0.7 NmTightening Torque, Max0.9 Nm	Colour, Operator	Red colour
Coupling Plate IncludedYes Y/NMaterial, Coupling PlateGlass-Filled Nylon / PA6 / PA66 (Polyamide 6)Tightening Torque, Nominal1.7 NmMaterial, Body / HousingPlastic materialMounting22.5mm MountingContact Block IncludedYesContact Configuration2 SMCBIn, Rated Current10 Ale, Rated Operational Current, AC-1, 240V10 A@240Vle, Rated Operational Current, AC-15, 110-120V6 A@110-120Vle, Rated Operational Current, AC-15, 240V3 A@240Vle, Rated Operational Current, AC-15, 415V2.2 A@415Vle, Rated Operational Current, DC-13, 125V0.6 A@125VUi, Rated Insulation Voltage690 V (rms)Material, ContactsSilver Nickel (AgNi) materialTerminal TypeScrew Terminal(s)Material, TerminalBrassTightening Torque, Man0.9 Nm	Material, Operator	Plastic material
Material, Coupling PlateGlass-Filled Nylon / PA6 / PA66 (Polyamide 6)Tightening Torque, Nominal1.7 NmMaterial, Body / HousingPlastic materialMounting22.5mm MountingContact Block IncludedYesContact Configuration2 SMCBIn, Rated Current10 Ale, Rated Operational Current, AC-1, 240V10 A@240Vle, Rated Operational Current, AC-15, 110-120V6 A@110-120Vle, Rated Operational Current, AC-15, 240V3 A@240Vle, Rated Operational Current, AC-15, 240V0.6 A@125Vle, Rated Operational Current, DC-13, 125V0.6 A@125VUi, Rated Insulation Voltage690 V (rms)Material, ContactsSilver Nickel (AgNi) materialTerminal TypeScrew Terminal(s)Material, TerminalBrassTightening Torque, Max0.9 Nm	Material, Bezel	Glass-Filled Nylon / PA6 / PA66 (Polyamide 6)
Tightening Torque, Nominal1.7 NmMaterial, Body / HousingPlastic materialMounting22.5mm MountingContact Block IncludedYesContact Configuration2 SMCBIn, Rated Current10 Ale, Rated Operational Current, AC-1, 240V6 A@240Vle, Rated Operational Current, AC-15, 110-120V6 A@110-120Vle, Rated Operational Current, AC-15, 240V3 A@240Vle, Rated Operational Current, AC-15, 240V0.6 A@125Vle, Rated Operational Current, DC-13, 125V0.6 A@125VUi, Rated Insulation Voltage690 V (rms)Material, ContactsSilver Nickel (AgNi) materialTerminal TypeScrew Terminal(s)Material, Terminal0.7 NmTightening Torque, Max0.9 Nm	Coupling Plate Included	Yes Y/N
Material, Body / HousingPlastic materialMounting22.5mm MountingContact Block IncludedYesContact Configuration2 SMCBIn, Rated Current10 Ale, Rated Operational Current, AC-1, 240V10 A@240Vle, Rated Operational Current, AC-15, 110-120V6 A@110-120Vle, Rated Operational Current, AC-15, 240V3 A@240Vle, Rated Operational Current, AC-15, 240V3 A@240Vle, Rated Operational Current, AC-15, 110-120V6 A@1125Vle, Rated Operational Current, DC-13, 125V0.6 A@125VUi, Rated Insulation Voltage690 V (rms)Material, ContactsSilver Nickel (AgNi) materialTerminal TypeScrew Terminal(s)Material, TerminalBrassTightening Torque, Min0.7 NmTightening Torque, Max0.9 Nm	Material, Coupling Plate	Glass-Filled Nylon / PA6 / PA66 (Polyamide 6)
Mounting22.5mm MountingContact Block IncludedYesContact Configuration2 SMCBIn, Rated Current10 Ale, Rated Operational Current, AC-1, 240V10 A@240Vle, Rated Operational Current, AC-15, 110-120V6 A@110-120Vle, Rated Operational Current, AC-15, 240V3 A@240Vle, Rated Operational Current, AC-15, 240V3 A@240Vle, Rated Operational Current, AC-15, 240V0.6 A@115Vle, Rated Operational Current, DC-13, 125V0.6 A@125Vle, Rated Insulation Voltage690 V (rms)Material, ContactsSilver Nickel (AgNi) materialTerminal TypeScrew Terminal(s)Material, TerminalBrassTightening Torque, Min0.9 Nm	Tightening Torque, Nominal	1.7 Nm
Contact Block IncludedYesContact Configuration2 SMCBIn, Rated Current10 Ale, Rated Operational Current, AC-1, 240V10 A@240Vle, Rated Operational Current, AC-15, 110-120V6 A@110-120Vle, Rated Operational Current, AC-15, 240V3 A@240Vle, Rated Operational Current, AC-15, 240V3 A@240Vle, Rated Operational Current, AC-15, 115V2.2 A@415Vle, Rated Operational Current, DC-13, 125V0.6 A@125Vle, Rated Insulation Voltage690 V (rms)Material, ContactsSilver Nickel (AgNi) materialTerminal TypeScrew Terminal(s)Material, TerminalBrassTightening Torque, Min0.9 Nm	Material, Body / Housing	Plastic material
Contact Configuration2 SMCBIn, Rated Current10 Ale, Rated Operational Current, AC-1, 240V10 A@240Vle, Rated Operational Current, AC-15, 110-120V6 A@110-120Vle, Rated Operational Current, AC-15, 240V3 A@240Vle, Rated Operational Current, AC-15, 415V2.2 A@415Vle, Rated Operational Current, DC-13, 125V0.6 A@125VUi, Rated Insulation Voltage690 V (rms)Material, ContactsSilver Nickel (AgNi) materialTerminal TypeScrew Terminal(s)Material, TerminalBrassTightening Torque, Min0.9 Nm	Mounting	22.5mm Mounting
In, Rated Current10 Ale, Rated Operational Current, AC-1, 240V10 A@240Vle, Rated Operational Current, AC-15, 110-120V6 A@110-120Vle, Rated Operational Current, AC-15, 240V3 A@240Vle, Rated Operational Current, AC-15, 415V2.2 A@415Vle, Rated Operational Current, DC-13, 125V0.6 A@125VUi, Rated Insulation Voltage690 V (rms)Material, ContactsSilver Nickel (AgNi) materialTerminal TypeScrew Terminal(s)Material, TerminalBrassTightening Torque, Min0.7 NmTightening Torque, Max0.9 Nm	Contact Block Included	Yes
Ie, Rated Operational Current, AC-1, 240V10 A@240VIe, Rated Operational Current, AC-15, 110-120V6 A@110-120VIe, Rated Operational Current, AC-15, 240V3 A@240VIe, Rated Operational Current, AC-15, 415V2.2 A@415VIe, Rated Operational Current, DC-13, 125V0.6 A@125VUi, Rated Insulation Voltage690 V (rms)Material, ContactsSilver Nickel (AgNi) materialTerminal TypeScrew Terminal(s)Material, TerminalBrassTightening Torque, Min0.7 NmTightening Torque, Max0.9 Nm	Contact Configuration	2 SMCB
Ie, Rated Operational Current, AC-15, 110-120V6 A@110-120VIe, Rated Operational Current, AC-15, 240V3 A@240VIe, Rated Operational Current, AC-15, 415V2.2 A@415VIe, Rated Operational Current, DC-13, 125V0.6 A@125VUi, Rated Insulation Voltage690 V (rms)Material, ContactsSilver Nickel (AgNi) materialTerminal TypeScrew Terminal(s)Material, TerminalBrassTightening Torque, Min0.7 NmTightening Torque, Max0.9 Nm	In, Rated Current	10 A
Ie, Rated Operational Current, AC-15, 240V3 A@240VIe, Rated Operational Current, AC-15, 415V2.2 A@415VIe, Rated Operational Current, DC-13, 125V0.6 A@125VUi, Rated Insulation Voltage690 V (rms)Material, ContactsSilver Nickel (AgNi) materialTerminal TypeScrew Terminal(s)Material, TerminalBrassTightening Torque, Min0.7 NmTightening Torque, Max0.9 Nm	le, Rated Operational Current, AC-1, 240V	10 A@240V
Ie, Rated Operational Current, AC-15, 415V2.2 A@415VIe, Rated Operational Current, DC-13, 125V0.6 A@125VUi, Rated Insulation Voltage690 V (rms)Material, ContactsSilver Nickel (AgNi) materialTerminal TypeScrew Terminal(s)Material, TerminalBrassTightening Torque, Min0.7 NmTightening Torque, Max0.9 Nm	le, Rated Operational Current, AC-15, 110-120V	6 A@110-120V
Ie, Rated Operational Current, DC-13, 125V0.6 A@125VUi, Rated Insulation Voltage690 V (rms)Material, ContactsSilver Nickel (AgNi) materialTerminal TypeScrew Terminal(s)Material, TerminalBrassTightening Torque, Min0.7 NmTightening Torque, Max0.9 Nm	le, Rated Operational Current, AC-15, 240V	3 A@240V
Ui, Rated Insulation Voltage690 V (rms)Material, ContactsSilver Nickel (AgNi) materialTerminal TypeScrew Terminal(s)Material, TerminalBrassTightening Torque, Min0.7 NmTightening Torque, Max0.9 Nm	le, Rated Operational Current, AC-15, 415V	2.2 A@415V
Material, ContactsSilver Nickel (AgNi) materialTerminal TypeScrew Terminal(s)Material, TerminalBrassTightening Torque, Min0.7 NmTightening Torque, Max0.9 Nm	le, Rated Operational Current, DC-13, 125V	0.6 A@125V
Terminal TypeScrew Terminal(s)Material, TerminalBrassTightening Torque, Min0.7 NmTightening Torque, Max0.9 Nm	Ui, Rated Insulation Voltage	690 V (rms)
Material, Terminal Brass   Tightening Torque, Min 0.7 Nm   Tightening Torque, Max 0.9 Nm	Material, Contacts	Silver Nickel (AgNi) material
Tightening Torque, Min 0.7 Nm   Tightening Torque, Max 0.9 Nm	Terminal Type	Screw Terminal(s)
Tightening Torque, Max 0.9 Nm	Material, Terminal	Brass
	Tightening Torque, Min	0.7 Nm
Material, Spring Stainless Steel	Tightening Torque, Max	0.9 Nm
	Material, Spring	Stainless Steel



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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



Operating Force	3.6 N
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 IP69K
IP Rating Shock Acceleration (Max.)	IP66
-	IP66 IP69K
Shock Acceleration (Max.)	IР66 IР69К 100 g
Shock Acceleration (Max.) Shock Duration (Max.)	IP66 IP69K 100 g 11 ms
Shock Acceleration (Max.) Shock Duration (Max.) Vibration Acceleration (Max.)	IP66 IP69K 100 g 11 ms 10 m/s <sup>2</sup>
Shock Acceleration (Max.) Shock Duration (Max.) Vibration Acceleration (Max.) Vibration Displacement (Peak to Peak Max.)	IP66 IP69K 100 g 11 ms 10 m/s <sup>2</sup> 1.52 mm
Shock Acceleration (Max.) Shock Duration (Max.) Vibration Acceleration (Max.) Vibration Displacement (Peak to Peak Max.) Vibration Frequency, Operational (Max.)	IP66 IP69K 100 g 11 ms 10 m/s <sup>2</sup> 1.52 mm 2000 Hz
Shock Acceleration (Max.) Shock Duration (Max.) Vibration Acceleration (Max.) Vibration Displacement (Peak to Peak Max.) Vibration Frequency, Operational (Max.) Vibration Duration (Max.)	IP66 IP69K 100 g 11 ms 10 m/s <sup>2</sup> 1.52 mm 2000 Hz 2000 Hz 180 min NEMA ICS-5 UL 508 EN 60947-1 EN 60947-5-1 EN 60947-5-5 IEC 60947-1



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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



NHP