Catalogue No: **800HC-FRXT6A1**

PB 30.5mm FS MR HD 2P PPTTR N/ILL 1NO 1NCLB RED

Operator Control Devices > Pushbuttons and Control Switches > Pushbuttons and Pilot Lights > Allen-Bradley 800T/800H Pushbuttons > 30.5mm Pushbuttons > 2-Position Push-Pull and Push-Pull / Twist Release, Non-Illuminated

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

Pushbutton 30.5mm Plastic Twist HD 40mm Red 1NClb 1NO

- 800T (metal) and 800H (plastic) 30.5mm product lines are designed and constructed to perform in the most demanding industrial environments.
- Button caps made from thermoplastic polyester resin and deliver excellent resistance to corrosive agents and ensure color identification is never lost.
- Operator bushings are made from die cast zinc alloy giving strength and stability in installation.
- Riveted construction of the operator bushing, diaphragm seal and base plate, by four secure steel rivets, provides increased durability and tamper resistance.

SPECIFICATIONS	
Product Series	800H
Component Type Pushbutton and Pilot Lights	Pushbutton
Operator Type	Pushbutton, Mushroom, 2-Position type
Operator Action	Push-Pull / Twist to Release action
Diameter, Operator	41.3 mm
Colour, Operator	Red colour
Material, Operator	Plastic material
Material, Bezel	Glass-Filled Nylon / PA6 / PA66 (Polyamide 6)
Coupling Plate Included	No Y / N
Diameter, Mounting Hole(s)	30.5 mm
Contact Block Included	Yes
Contact Configuration	1 NO + 1 NCLB
In, Rated Current	10 A
Ie, Rated Operational Current, AC-15, 110-120V	6.5 A@110-120V
Ie, Rated Operational Current, AC-15, 240V	3 A@240V
Ie, Rated Operational Current, AC-15, 415V	1.7 A@415V
Ie, Rated Operational Current, DC-13, 125V	0.55 A@125V
Mounting	30.5mm Mounting
Terminal Type	Screw Terminal(s)
Tightening Torque, Min	0.68 Nm
Tightening Torque, Max	0.9 Nm
Operating Force	4.4 N
Pickup Voltage	24 V
Pickup Current	24 mA
Ith, Thermal Current, Open	10 A
Wire / Conductor Size (Min)	18 AWG (0.823 mm²) min
Wire / Conductor Size (Max)	14 AWG (2.08 mm²) max
Dielectric Strength	2.2kV for 1 minute

Recommended Fuse Current Rating	10 A
Fuse Characteristic Type(s)	IEC-gL/gG
Illuminated	No Y / N
Electrical Service Life at Un, In	1000000 cycles
Mechanical service life	200000 cycles
Operating Temperature, Max	55 °C max
Operating Temperature, Min	-40 °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	IP2X IP65 IP66
Shock Acceleration (Max.)	100 g
Shock Duration (Max.)	11 ms
Vibration Acceleration (Max.)	10 g
Vibration Displacement (Peak to Peak Max.)	1.52 mm
Vibration Frequency, Operational (Max.)	2000 Hz
Standards Compliance	UL 508 CSA C22.2 No. 14 EN 60947-5-1 EN 60947-5-5 ISO 13850
Certifications	CE CSA UL CCC

REFERENCES

IECEx Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	800HCFRXT6A1_Manufacturer Datasheet
Manufacturer Catalogue & Product Selection:	800HCFRXT6A1_Manufacturer Catalogue