

# 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



## Pushbutton 30.5mm Plastic Twist HD 40mm Red 1NCLb 1NO



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

- 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 mm <sup>2</sup> ) min
Wire / Conductor Size (Max)	14 AWG ( 2.08 mm <sup>2</sup> )
Dielectric Strength	2.2kV for 1 minute

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Recommended Fuse Current Rating	10 A
Fuse Characteristic Type(s)	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 m/s <sup>2</sup>
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:	<a href="#">800HCFRXT6A1_Manufacturer Datasheet</a>
Manufacturer Catalogue & Product Selection:	<a href="#">800HCFRXT6A1_Manufacturer Catalogue</a>