## Catalogue No: 800TC-FXJT6A5S

### PB 30.5mm FS JMR HD 2P PPTTR N/ILL 2NCLB SM RED

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



#### 30.5mm P/P/Twst Jumb 2 NClb Sm

- 800T (metal) and 800H (plastic) 30.5 mm 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.

Representative Photo Only

(actual product may vary based on configuration selections)

SPECIFICATIONS       Product Series     800T       Component Type Pushbutton and Pilot Lights     Pushbutton       Operator Type     Pushbutton, Mushroom, 2-Position type       Operator Action     Push-Puil Twist to Release action       Diameter, Operator     60 mm       Colour, Operator     Red colour       Material, Operator     Metal material       Material, Operator     Metal material       Material, Operator     Metal material       Material, Operator     Metal material       Coupling Plate Included     No Y / N       Diameter, Mounting Hole(s)     30.5 mm       Contact Configuration     2 NCLB       In, Rated Current     10 A       Ie, Rated Operational Current, AC-15, 110-120V     6.5 A@110-120V       Ie, Rated Operational Current, DC-13, 125V     0.55 A@240V       Ie, Rated Operational Current, DC-13, 125V     0.55 A@125V       Mounting     30.5 mm       Terminal Type     Screw Terminal(s)       Tightening Torque, Min     0.68 Nm       Tightening Torque, Max     0.9 Nm       Operator Size (Min)     6.4 MA       Pickup Curre		
Component Type Pushbutton and Pilot LightsPushbutton, Mushroom, 2-Position typeOperator TypePush-Pull / Twist to Release actionOperator ActionPush-Pull / Twist to Release actionDiameter, Operator60 mmColour, OperatorMed colourMaterial, OperatorMaterial materialMaterial, DeratorMaterial, DeratorMaterial, BezelZincCoupling Plate IncludedNo Y / NDiameter, Mounting Hole(s)30.5 mmContact Block IncludedYesContact Configuration2 NCLBIn, Rated Current0 AIe, Rated Operational Current, AC-15, 110-120V6.5 A@110-120VIe, Rated Operational Current, DC-13, 125V0.55 A@125VMounting30.5mm MountingTerminal TypeScrew Terminal(s)Tightening Torque, Max0.9 NmOperating Force4.4 NPickup Voltage24 VPickup Current10 AHth, Thermal Current, Open18 AWG (0.823 mm²) minWire / Conductor Size (Min)18 AWG (0.208 mm²) minWire / Conductor Size (Max)2.2kV for 1 minute VAC	SPECIFICATIONS	
Operator TypePushbutton, Mushroom, 2-Position typeOperator ActionPush-Pull / Twist to Release actionDiameter, Operator60 mmColour, OperatorRed colourMaterial, OperatorMetal materialMaterial, OperatorMetal materialMaterial, OperatorMetal materialMaterial, OperatorNo Y / NCoupling Plate IncludedNo Y / NDiameter, Mounting Hole(s)30.5 mmContact Block IncludedYesContact Configuration2 NCLBIn, Rated Current10 AIe, Rated Operational Current, AC-15, 110-120V6.5 A@110-120VIe, Rated Operational Current, AC-15, 240V3 A@240VIe, Rated Operational Current, DC-13, 125V0.55 A@125VMounting30.5mm MountingTerminal TypeScrew Terminal(s)Tightening Torque, Max0.9 NmOperating Force4.4 NPickup Voltage24 VPickup Current0 AWire / Conductor Size (Min)18 AWG (0.823 mm²) minWire / Conductor Size (Max)14 AWG (2.08 mm²)Dielectric Strength22kV for 1 minute V AC	Product Series	800T
Operator ActionPush-Pull / Twist to Release actionDiameter, Operator60 mmColour, OperatorRed colourMaterial, OperatorMetal materialMaterial, BezelZincCoupling Plate IncludedNo Y / NDiameter, Mounting Hole(s)30.5 mmContact Bock IncludedYesContact Configuration2 NCLBIn, Rated Current10 AIe, Rated Operational Current, AC-15, 110-120V6.5 A@110-120VIe, Rated Operational Current, AC-15, 240V3 A@240VIe, Rated Operational Current, DC-13, 125V0.55 A@125VMounting30.5mm MountingTerminal TypeScrew Terminal(s)Tightening Torque, Min0.68 NmOperating Force4.4 NPickup Current24 vPickup Current10 AWire / Conductor Size (Min)18 AWG (0.823 mm²) minWire / Conductor Size (Min)18 AWG (0.823 mm²) minWire / Conductor Size (Max)14 AWG (2.08 mm²)Dielectric Strength2.2kV for 1 minute V AC	Component Type Pushbutton and Pilot Lights	Pushbutton
Diameter, Operator     60 mm       Colour, Operator     Red colour       Material, Operator     Metal material       Material, Bezel     Zinc       Coupling Plate Included     No Y / N       Diameter, Mounting Hole(s)     30.5 mm       Contact Block Included     Yes       Contact Configuration     2 NCLB       In, Rated Current     10 A       Ie, Rated Operational Current, AC-15, 110-120V     6.5 A@110-120V       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       Operating Force     4.4 N       Pickup Voltage     24 V       Pickup Current     10 A       Urent     0.4 ANG       Urent     0.4 Nm       Tightening Torque, Min     0.68 Nm       Operating Force     4.4 N       Pickup Current     24 W       Pickup Current     24 MA       Utin / Conductor Size (Min)     18 AWG (0.823 mm²) min       Wire / Conductor Size (Max)     14 AWG (2.08	Operator Type	Pushbutton, Mushroom, 2-Position type
Colour, OperatorRed colourMaterial, OperatorMetal materialMaterial, BezelZincCoupling Plate IncludedNo Y / NDiameter, Mounting Hole(s)30.5 mmContact Block IncludedYesContact Configuration2 NCLBIn, Rated Current10 Ale, Rated Operational Current, AC-15, 110-120V6.5 A@110-120Vle, Rated Operational Current, AC-15, 240V3 A@240Vle, Rated Operational Current, DC-13, 125V0.55 A@125VMounting30.5mm MountingTerminal TypeScrew Terminal(s)Tightening Torque, Min0.68 NmOperating Force4.4 NPickup Voltage24 VPickup Current0 AUrent10 AUire / Conductor Size (Min)18 AWG (0.823 mm²) minWire / Conductor Size (Max)14 AWG (2.08 mm²)Dielectric Strength2.2kV for 1 minute VAC	Operator Action	Push-Pull / Twist to Release action
Material, OperatorMetal materialMaterial, BezelZincCoupling Plate IncludedNo Y / NDiameter, Mounting Hole(s)30.5 mmContact Block IncludedYesContact Configuration2 NCLBIn, Rated Current10 Ale, Rated Operational Current, AC-15, 110-120V6.5 A@110-120Vle, Rated Operational Current, DC-13, 125V3 A@240Vle, Rated Operational Current, DC-13, 125V0.55 A@125VMounting30.5mm MountingTerminal TypeScrew Terminal(s)Tightening Torque, Min0.68 NmOperating Force4.4 NPickup Voltage24 VPickup Current10 AWire / Conductor Size (Min)18 AWG (0.823 mm²) minWire / Conductor Size (Max)14 AWG (2.08 mm²)Dielectric Strength2.2kV for 1 minute VAC	Diameter, Operator	60 mm
Material, BezelZincCoupling Plate IncludedNo Y / NDiameter, Mounting Hole(s)30.5 mmContact Block IncludedYesContact Configuration2 NCLBIn, Rated Current10 Ale, Rated Operational Current, AC-15, 110-120V6.5 A@110-120Vle, Rated Operational Current, AC-15, 240V3 A@240Vle, Rated Operational Current, DC-13, 125V0.55 A@125VMounting30.5mm MountingTerminal TypeScrew Terminal(s)Tightening Torque, Min0.68 NmOperating Force4.4 NPickup Voltage24 VPickup Current10 AWire / Conductor Size (Max)18 AWG (0.823 mm²) minWire / Conductor Size (Max)14 AWG (2.08 mm²)	Colour, Operator	Red colour
Coupling Plate Included     No Y / N       Diameter, Mounting Hole(s)     30.5 mm       Contact Block Included     Yes       Contact Configuration     2 NCLB       In, Rated Current     10 A       le, Rated Operational Current, AC-15, 110-120V     6.5 A@110-120V       le, Rated Operational Current, AC-15, 240V     3 A@240V       le, 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       Operating Force     4.4 N       Pickup Voltage     24 V       Pickup Voltage     24 w       Vire / Conductor Size (Min)     18 AWG (0.823 mm²) min       Wire / Conductor Size (Max)     14 AWG (2.08 mm²)       Dielectric Strength     2.2kV for 1 minute VAC	Material, Operator	Metal material
Diameter, Mounting Hole(s)     30.5 mm       Contact Block Included     Yes       Contact Configuration     2 NCLB       In, Rated Current     10 A       le, Rated Operational Current, AC-15, 110-120V     6.5 A@110-120V       le, Rated Operational Current, AC-15, 240V     3 A@240V       le, 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       Operating Force     4.4 N       Pickup Voltage     24 V       Pickup Voltage     24 MA       Wire / Conductor Size (Min)     18 AWG (0.823 mm²) min       Wire / Conductor Size (Max)     14 AWG (2.08 mm²)       Dielectric Strength     2.2kV for 1 minuter VAC	Material, Bezel	Zinc
Contact Block IncludedYesContact Configuration2 NCLBIn, Rated Current10 Ale, Rated Operational Current, AC-15, 110-120V6.5 A@110-120Vle, Rated Operational Current, AC-15, 240V3 A@240Vle, Rated Operational Current, DC-13, 125V0.55 A@125VMounting30.5mm MountingTerminal TypeScrew Terminal(s)Tightening Torque, Min0.68 NmOperating Force4.4 NPickup Voltage24 VPickup Voltage24 NVire / Conductor Size (Min)18 AWG (0.823 mm²) minWire / Conductor Size (Max)14 AWG (2.08 mm²)Dielectric Strength2.2kV for 1 minute VAC	Coupling Plate Included	No Y/N
Contact Configuration     2 NCLB       In, Rated Current     10 A       le, Rated Operational Current, AC-15, 110-120V     6.5 A@110-120V       le, Rated Operational Current, AC-15, 240V     3 A@240V       le, 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       Operating Force     4.4 N       Pickup Voltage     24 V       Pickup Voltage     10 A       Vire / Conductor Size (Min)     18 AWG (0.823 mm² ) min       Vire / Conductor Size (Max)     14 AWG (2.08 mm² )       Dielectric Strength     2.2kV for 1 minute V AC	Diameter, Mounting Hole(s)	30.5 mm
In, Rated Current10 Ale, Rated Operational Current, AC-15, 110-120V6.5 A@110-120Vle, Rated Operational Current, AC-15, 240V3 A@240Vle, Rated Operational Current, DC-13, 125V0.55 A@125VMounting30.5mm MountingTerminal TypeScrew Terminal(s)Tightening Torque, Min0.68 NmOperating Force4.4 NPickup Voltage24 VPickup Voltage24 VVire / Conductor Size (Min)10 AWire / Conductor Size (Max)14 AWG (2.08 mm²)Dielectric Strength2.2kV for 1 minute V AC	Contact Block Included	Yes
In Article Carrent, AC-15, 110-120V6.5 A@110-120Vle, Rated Operational Current, AC-15, 240V3 A@240Vle, Rated Operational Current, DC-13, 125V0.55 A@125VMounting30.5mm MountingTerminal TypeScrew Terminal(s)Tightening Torque, Min0.68 NmTightening Torque, Max0.9 NmOperating Force4.4 NPickup Voltage24 VPickup Current24 mAIth, Thermal Current, Open10 AWire / Conductor Size (Min)18 AWG (0.823 mm²) minWire / Conductor Size (Max)2.2kV for 1 minute V AC	Contact Configuration	2 NCLB
Ie, Rated Operational Current, AC-15, 240V3 A@240Vle, Rated Operational Current, DC-13, 125V0.55 A@125VMounting30.5mm MountingTerminal TypeScrew Terminal(s)Tightening Torque, Min0.68 NmTightening Torque, Max0.9 NmOperating Force4.4 NPickup Voltage24 VPickup Current10 AIth, Thermal Current, Open10 AWire / Conductor Size (Min)18 AWG (0.823 mm²) minWire / Conductor Size (Max)2.2kV for 1 minute V AC	In, Rated Current	10 A
Ie, Rated Operational Current, DC-13, 125V0.55 A@125VMounting30.5mm MountingTerminal TypeScrew Terminal(s)Tightening Torque, Min0.68 NmTightening Torque, Max0.9 NmOperating Force4.4 NPickup Voltage24 VPickup Current10 AIth, Thermal Current, Open18 AWG (0.823 mm²) minWire / Conductor Size (Max)2.2kV for 1 minute V AC	le, Rated Operational Current, AC-15, 110-120V	6.5 A@110-120V
Mounting30.5mm MountingTerminal TypeScrew Terminal(s)Tightening Torque, Min0.68 NmTightening Torque, Max0.9 NmOperating Force4.4 NPickup Voltage24 VPickup Current24 mAIth, Thermal Current, Open10 AWire / Conductor Size (Min)18 AWG (0.823 mm²) minWire / Conductor Size (Max)2.2kV for 1 minute V AC	le, Rated Operational Current, AC-15, 240V	3 A@240V
Terminal TypeScrew Terminal(s)Tightening Torque, Min0.68 NmTightening Torque, Max0.9 NmOperating Force4.4 NPickup Voltage24 VPickup Current24 mAIth, Thermal Current, Open10 AWire / Conductor Size (Min)18 AWG (0.823 mm²) minWire / Conductor Size (Max)14 AWG (2.08 mm²)Dielectric Strength2.2kV for 1 minute V AC	le, Rated Operational Current, DC-13, 125V	0.55 A@125V
Tightening Torque, Min0.68 NmTightening Torque, Max0.9 NmOperating Force4.4 NPickup Voltage24 VPickup Current24 mAIth, Thermal Current, Open10 AWire / Conductor Size (Min)18 AWG (0.823 mm²) minWire / Conductor Size (Max)14 AWG (2.08 mm²)Dielectric Strength2.2kV for 1 minute V AC	Mounting	30.5mm Mounting
Tightening Torque, Max0.9 NmOperating Force4.4 NPickup Voltage24 VPickup Current24 mAIth, Thermal Current, Open10 AWire / Conductor Size (Min)18 AWG (0.823 mm²) minWire / Conductor Size (Max)14 AWG (2.08 mm²)Dielectric Strength2.2kV for 1 minute V AC	Terminal Type	Screw Terminal(s)
Operating Force4.4 NPickup Voltage24 VPickup Current24 mAIth, Thermal Current, Open10 AWire / Conductor Size (Min)18 AWG ( 0.823 mm² ) minWire / Conductor Size (Max)14 AWG ( 2.08 mm² )Dielectric Strength2.2kV for 1 minute V AC	Tightening Torque, Min	0.68 Nm
Pickup Voltage24 VPickup Current24 mAIth, Thermal Current, Open10 AWire / Conductor Size (Min)18 AWG ( 0.823 mm² ) minWire / Conductor Size (Max)14 AWG ( 2.08 mm² )Dielectric Strength2.2kV for 1 minute V AC	Tightening Torque, Max	0.9 Nm
Pickup Current24 mAIth, Thermal Current, Open10 AWire / Conductor Size (Min)18 AWG ( 0.823 mm² ) minWire / Conductor Size (Max)14 AWG ( 2.08 mm² )Dielectric Strength2.2kV for 1 minute V AC	Operating Force	4.4 N
Ith, Thermal Current, Open10 AWire / Conductor Size (Min)18 AWG ( 0.823 mm² ) minWire / Conductor Size (Max)14 AWG ( 2.08 mm² )Dielectric Strength2.2kV for 1 minute V AC	Pickup Voltage	24 V
Wire / Conductor Size (Min)18 AWG ( 0.823 mm² ) minWire / Conductor Size (Max)14 AWG ( 2.08 mm² )Dielectric Strength2.2kV for 1 minute V AC	Pickup Current	24 mA
Wire / Conductor Size (Max) 14 AWG ( 2.08 mm² )   Dielectric Strength 2.2kV for 1 minute V AC	Ith, Thermal Current, Open	10 A
Dielectric Strength 2.2kV for 1 minute V AC	Wire / Conductor Size (Min)	18 AWG ( 0.823 mm² ) min
	Wire / Conductor Size (Max)	14 AWG ( 2.08 mm <sup>2</sup> )
Recommended Fuse Current Rating 10 A	Dielectric Strength	2.2kV for 1 minute V AC
	Recommended Fuse Current Rating	10 A



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## PB 30.5mm FS JMR HD 2P PPTTR N/ILL 2NCLB SM RED

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



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
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:	-
Manufacturer Catalogue & Product Selection:	-

