

Model No.: 6002U10
 Description: Ø22.5 series TOCI BOX



Salient Features:

- Easy & quick connections for lift maintenance.
- Direct mounting arrangement without having to open the box.
- Easy & safe to operate & control
- Economy of space. Design is compact
- Easy for maintenance
- Power output provision.
- Position switch for Normal & Inspection mode
- Harness for distant operating
- Signage easy to understand

General Characteristics:

It is a 140mm X 240mm yellow black enclosure fitted with one red emergency stop pushbutton, flush pushbutton, Selector switch, one switch socket for power output. It is provided with cables of 3mts.

Refer attached data sheets for various pushbuttons fitted on the TOCI:

- DATA SHEET FOR EMERGENCY STOP PUSHBUTTON, PUSH TO STOP, TURN TO RELEASE DATA
- DATA SHEET FOR CONTACT ELEMENT, NORMALLY OPEN, PANEL MOUNTING, SCREW AND CAPTIVE CLAMP CONNECTION WITH SILVER CONTACT
- DATA SHEET FOR CONTACT ELEMENT, NORMALLY CLOSED, PANEL MOUNTING, SCREW AND CAPTIVE CLAMP CONNECTION WITH SILVER CONTACT DATA SHEET FOR 22.5 PLASTIC SERIES NON-ILLUMINATED FLUSH ACTUATOR
- DATA SHEET FOR 22.5 PLASTIC SERIES NON-ILLUMINATED SELECTOR ACTUATOR
- DATA SHEET FOR 22.5 PLASTIC SERIES NON-ILLUMINATED FLUSH ACTUATOR

Available types		: NA
Degree of protection		: IP65 as per IEC 60529
Degree of Pollution		: 3
Applicable standards		: UL508 : IEC 60947-5-1 : CSA 22.2
Product Certification		: Pending

Mechanical Characteristics:

Function indicator		Front viewing: Signage provided on front cover
Terminal Capacity		: Maximum 2X1.5mm ² or 1X 2.5mm ² : Minimum 1X0.5mm ²
Terminal marking		: 1NC 2 3NO 4
Terminal Torque	Nm	: 0.5
Contact material		: Contact: Brass (tin plated)
Operation		: Refer relevant Data Sheet
Operating torque	Nm	: Emergency Stop: 0.2 : Selector:0.15
Operating force	N	: Flush: 10 : Emergency Stop: 14-20
Positive operation Conforming to IEC/EN 60947-5-1 Appendix K		: All functions incorporating a NC contact are positive opening operation
Operating travel	mm	: 5
Mechanical life		: Selector: 2million operations : Emergency Stop 0.1Million operations : Elements: Over 2 million operations : Flush Actuator: Over 2 million operations
Ambient	°C	: -25 to +70
Storage	°C	: -25 to +40
Overall Dimensions with sketch (LXBXH)	Mm	: 240X120X110
Vibration resistance Conforming to IEC 60068-2-6	Hz	: Selectors: 15g acceleration; frequency 40-500Hz : Emergency Stop: 8g acceleration; frequency 40-500Hz
Shock resistance Conforming to IEC 60068-2-27		Selectors: 3 shocks at 200g acceleration; frequency 40-500Hz) Emergency Stop: 3 shocks at 15g acceleration & 11ms; total 18 shocks.
Viewing Angle	°	: NA
Optical Axial intensity	mcd	: NA
Weight	kg	: 3

Electrical Characteristics of contacts:

Make & Break Capacity		: AC15: 415VAC, 4A DC13: 0.5A, 110VDC As per CSA C22.2 no. 14-05, UL 508: A600, Q600
		AC15 V 24 120 230 A 4 3 2 DC13 V 24 110 A 0.5 0.2
Rated insulation voltage	V	: 500
Rated thermal current	A	: 10
Low power application		: Gold plated contact elements for low voltage low current switching circuits , <25mA
Short circuit protection		: 10A HRC cartridge fuse, rated for resistive Loading
Dielectric Test	KV	: 2.5
Approvals regarding the part:		: Pending
Approvals regarding the material		
Polymeric parts		: UL-Recognized material
Rated Impulse Withstand		: NA
Polarity protection		: NA
Current Consumption	mA	: NA
Electrical Endurance		: NA
Luminous Intensity		: NA
Number of LEDs		: NA

Accessories & codes:

NA

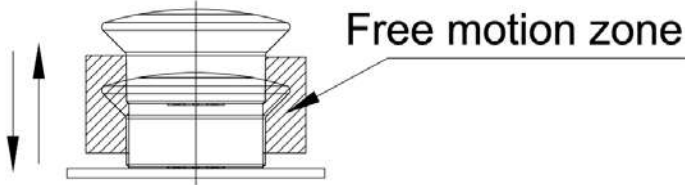
Ordering codes

The ordering code for each product is not indicated on each product because of the various combinations possible it becomes practically impossible to do so, more over the actuators, lamp unit and contact element, which together make a push button, are sold separately to OEM's as well as dealers. However the primary packing box always mentions the ordering code of the material it holds. We follow seven digit code for TOCI BOX.

6 ↓ SERIES	0 0 ↓ RUNNING NUMBERS	2	U ↓ SIZE	1 0 ↓ COLOUR CODE OF HOUSING & COVER
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Mounting Instructions:

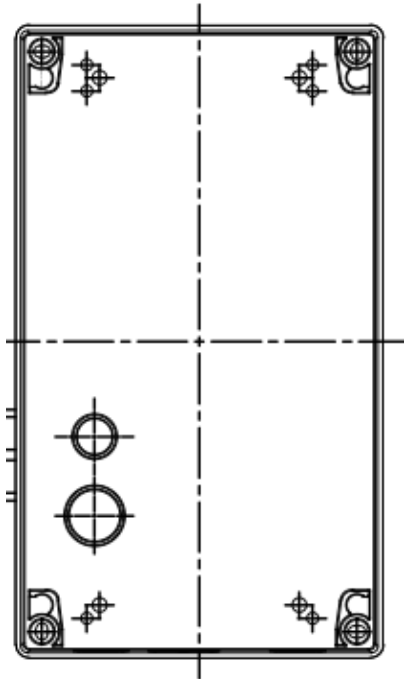
Safety regulations: This unit may be installed & commissioned by personnel who are familiar with current regulation for health & safety at work & accident prevention. Ensure local regulations are met especially those relating to safety. This is for use on flat surface of type 4X, 12 enclosure.



Ensure that this actuator will operate fully after installation. Failure to follow these will result in death or serious injury.

Mounting

: Mounting Dimension: 220X120



No of elements possible

: NA

If any difficulty or malfunctioning is observed, kindly contact our Marketing Department at +91-22-42532500 or email at ram.talreja@teknico.in