

Model No.: **2FMADP-1** (Square version)

Description: **Ø22.5 Plastic Series Flush Mounting Adaptor**



Adaptor Spacer



Adaptor Collar

Salient Features:

- Flush mounts plastic series actuators & selectors
- Can be used in Elevator or similar flush mounting applications
- Quick installation
- Safe operation
- Robust design
- Aesthetically elegant

General Characteristics:

It consists of a spacer arrangement & a square collar which fits in a panel of round cutout of ø32.0mm. This unit can be used with any panel, ranging from 1mm to 6mm thickness. The actuator can be fastened to the panel with the lock ring & spacer provided. Fixing flange can be easily assembled to the actuator without any additional hardware by a simple push action. To release the bracket from the actuator insert a screwdriver in the groove provided on the bracket. With a twisting movement of screw driver the bracket separates out from the actuator.

Available types

: **2FMADP-2** (round version)



**Adaptor with
Flush Actuator**



**Adaptor with
Selector**

Degree of protection

: Pending

Degree of Pollution

: NA

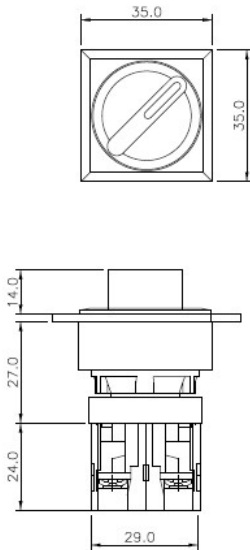
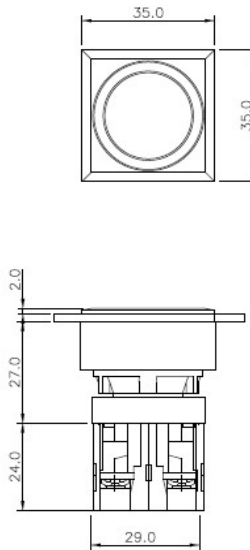
Applicable standards

: UL508
: IEC 60947-5-1
: CSA 22.2

Product Certification

: Pending

Mechanical Characteristics:

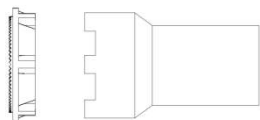
Function indicator		: NA
Terminal Capacity		: NA
Terminal marking		: NA
Terminal Torque	Nm	: NA
Contact material		: NA
Operation		: NA
Operating torque	Nm	: NA
Operating force	N	: NA
Positive operation		: NA
Conforming to IEC/EN 60947-5-1 Appendix K		
Operating travel	Mm	: NA
Mechanical life		: NA
Ambient	°C	: -25 to +70
Storage	°C	: -25 to +40
Overall Dimensions with sketch (LXBXH)	Mm	: <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>Selector</p>  </div> <div style="text-align: center;"> <p>Flush</p>  </div> </div>
Vibration resistance	Hz	: NA
Conforming to IEC 60068-2-6		
Shock resistance		: NA
Conforming to IEC 60068-2-27		
Viewing Angle	°	: NA
Optical Axial intensity	mcd	: NA
Weight	gms	: 6

Electrical Characteristics of contacts:

Make & Break Capacity		: NA
Rated insulation voltage	V	: NA
Rated thermal current	A	: NA
Low power application		: NA
Short circuit protection		: NA
Dielectric Test	KV	: NA
Approvals regarding the part:		: CE
Approvals regarding the material		
Polymeric parts		: UL-Recognized material
Rated Impulse Withstand		: NA
Polarity protection		: NA
Current Consumption	mA	: NA
Electrical Endurance		: NA

Accessories & codes:

Spanner P2SPNR

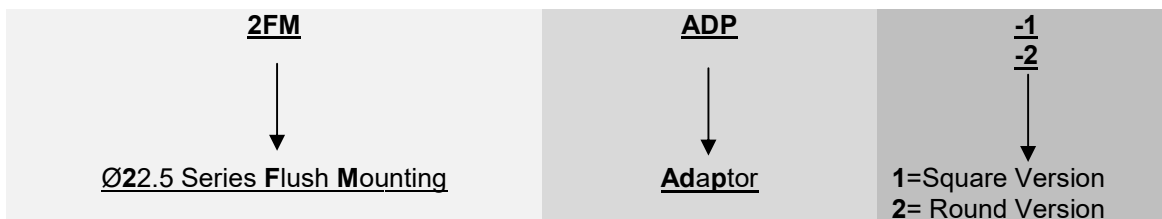


Spanner P2/P6SPNR



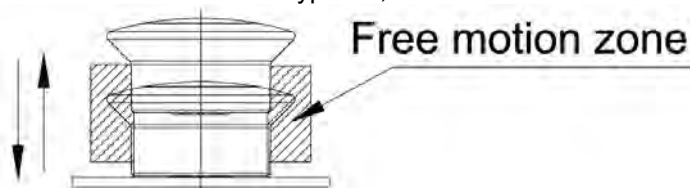
Ordering codes

The ordering code for each product is mentioned in the Catalogue/Data Sheet and 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.



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.

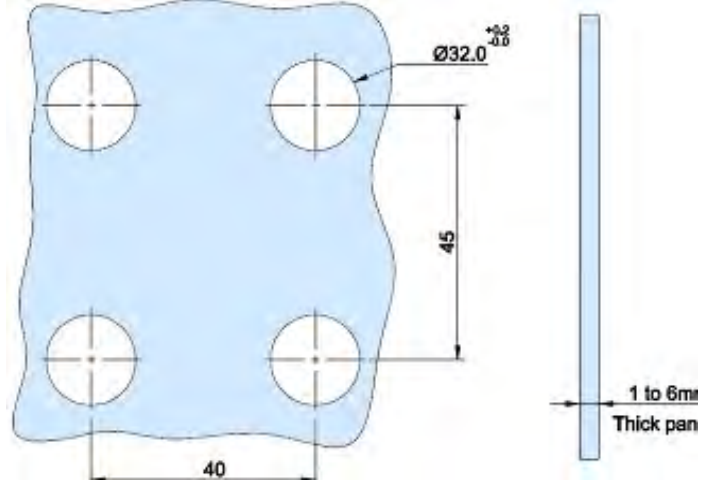


Ensure that this actuator will operate fully after installation. Failure to follow these will result in death or serious injury.

Mounting Instructions (Contd.):

Mounting

: Fixing Centers: 45mm X 40mm min.
 Mounting Panel thickness: 1mm to 6mm

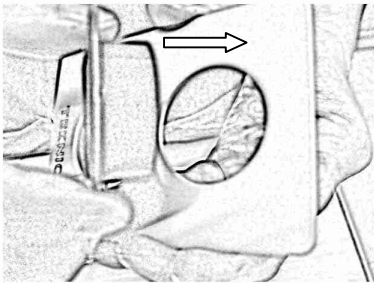


No of elements possible

: NA

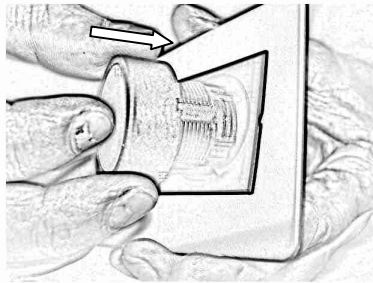
DATA SHEET FOR Ø22.5 PLASTIC SERIES FLUSH MOUNTING ADAPTOR

To install:



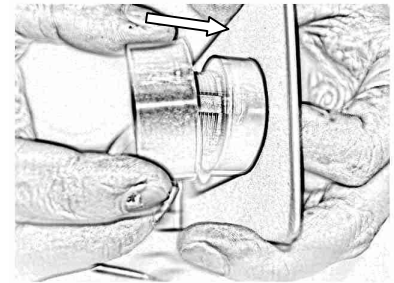
Panel Front side

Insert the Square collar in the round cutout of $\varnothing 32.0$



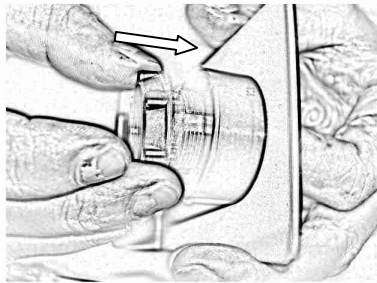
Panel Front side

Insert the P-series Actuator/Selector in the round hole of the Square collar



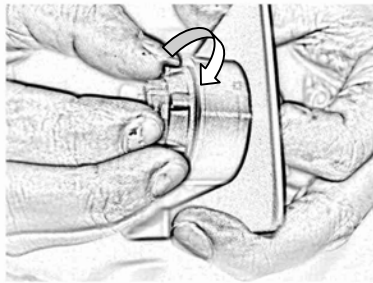
Panel rear side

Insert the spacer from back of the panel



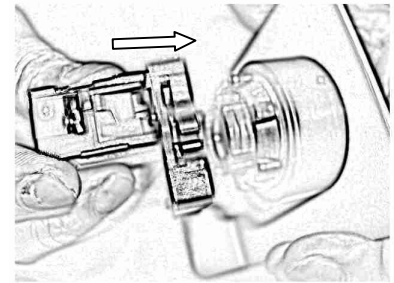
Panel rear side

Insert the Lock ring



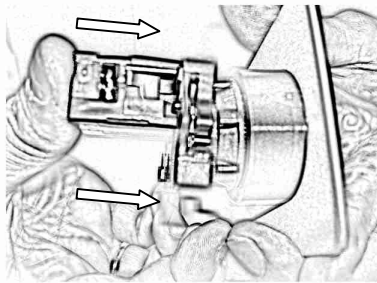
Panel rear side

Tighten the Lock ring with a torque of 2Nm



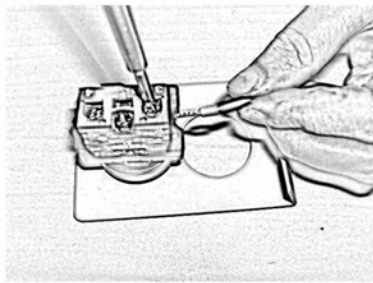
Panel rear side

Assemble the P-series bracket to the actuator



Panel rear side

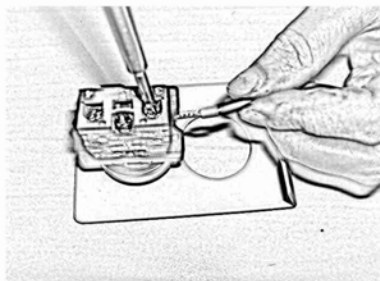
Press the bracket on the actuator



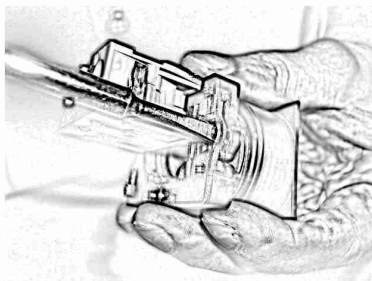
Panel rear side

Unscrew the terminal screw & do the wiring & tighten the terminal

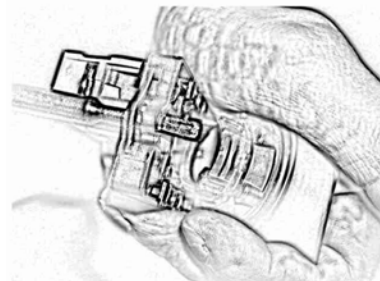
To uninstall:



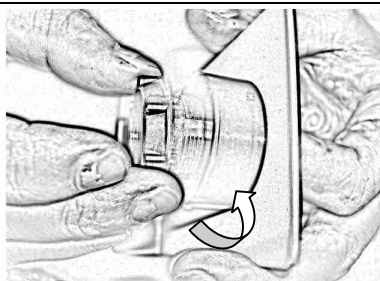
Unscrew the terminal screw & remove the wiring



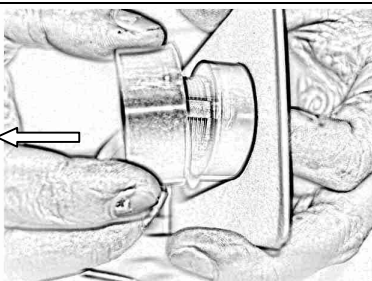
Insert the screw driver the bracket slot



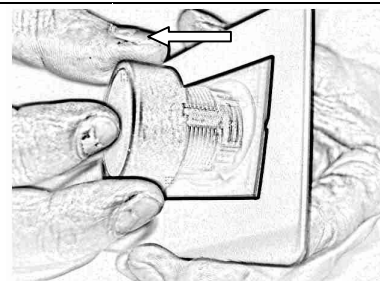
Twist the screw driver& the bracket separates out



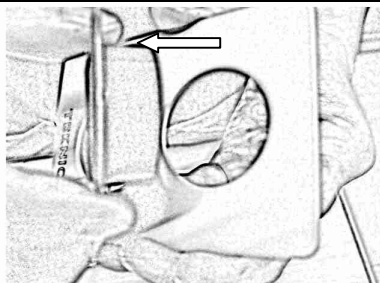
Loosen the Lock Ring in anticlockwise direction



Remove the spacer



Remove the actuator from the square collar



Remove the square collar

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