

Switches, Micro, Special

TECHNICAL DATA AND DIMENSIONS



FACE MOUNTING MICRO SWITCHES

List No.	Actuator Description	Max. Length	Max. Width	Max. Height	Max. Panel	Panel Hole	Fixing Dimensions	Electrical and Mechanic'l Data
S.725	Insulated button	$1\frac{1}{4}"$ 49.6mm	$\frac{3}{32}"$ 18.3mm	$1\frac{1}{8}"$ 28.6 mm	—	—	2 x 6 B.A. clearing holes at $1\frac{1}{32}"$ 40.5 mm. crs.	See page 153 List No. S.501
S.778	Bushed, Metal Button	$1\frac{1}{4}"$ 49.6mm	$\frac{3}{32}"$ 18.3mm	$1\frac{1}{8}"$ 35.3mm	—	—	2 x 6 B.A. clearing holes at $1\frac{1}{32}"$ 40.5 mm. crs.	See page 153 List No. S.501

These models have the added facility of the provision for face mounting in addition to the normal side mounting holes. S.778 also has a special plunger allowing a greater total travel to be obtained with a limit of 0.075".

PISTON-BUTTON MICRO SWITCH

List No.	Actuator Description	Max. Length	Max. Width	Max. Height	Max. Panel	Panel Hole	Fixing Dimensions	Electrical and Mechanic'l Data
S.730	Bushed, Metal Button	$1\frac{1}{4}"$ 49.6 mm	$\frac{3}{32}"$ 18.3 mm	$1\frac{1}{8}"$ 34.9 mm	—	—	2 x 4 B.A. clearing holes at $1\frac{1}{32}"$ 25.4 mm. crs.	See page 153 List No. S.501

Special model with button allowing a total travel figure of 0.075" max. this is larger than is normal for this switch.

ONE-HOLE FIXING MICRO SWITCHES

ONE-POLE PLATE WERE AVAILABLE							
S.610							See page 153 List No. S.500
S.611	Metal Button designed to give large overtravel			1 1/32" 37.3mm		15/32" 11.9 mm. Ø	See page 153 List No. S.501
S.612		1 1/4" 49.6 mm	23/32" 18.3 mm		15/64" 6.0 mm	clearing + lug 1/16" 1.6 mm wide X 1/32" 0.8 mm high Retain Hex. nut behind Panel	See page 153 List No. S.502
S.775 /S.500	Metal Button Adjustable						See page 153 List No. S.500
S.775 /S.501	height by up to 1/16" 7.9 mm			2 1/16" 52.5 mm			See page 153 List No. S.501
S.775 /S.502							See page 153 List No. S.502

With one-hole-fixing bush and back-of- and front-of-panel nuts, for panels of up to $\frac{1}{4}"$ max. thickness and Metal button, all highly plated. Models S.775 etc., have Button-height Adjustment, the Button head may be unscrewed by up to $\frac{1}{16}"$. Reasonably-axial drive is best. Side fixing holes also provided.

MICRO SWITCH FOR DIRECT-DRIVE OPERATION

List No.	Actuator Description	Max. Length	Max. Width	Max. Height	Max. Panel	Panel Hole	Fixing Dimensions	Electrical and Mechanic'l Data
S.720 /Colour	Casein Plunger Button	$1\frac{1}{4}"$ 49.6 mm	$\frac{3}{32}"$ 18.3 mm	$1\frac{1}{4}"$ 41.7 mm	$\frac{1}{16}"$ 11.1 mm	$\frac{15}{32}"$ 11.9 mm. \varnothing clearing + lug $\frac{1}{16}"$ 1.6 mm. wide x $\frac{1}{32}"$ 0.8 mm. high	—	See page 153 List No. S.501

Colour Button:—Normally Black, Red if required.

This model ideally suited for direct drive operation. It is fitted with a Casein Plunger Button and requires not more than 2 lbs. operating pressure. Total maximum allowable travel = $\frac{1}{16}"$ 1.6 mm. VERY SUITABLE FOR MANUAL USE.

GENERAL NOTES

Switches of these types are widely used for Alarm Circuits, etc., and one-hole-fix types are very useful where adjustment of switch towards a striker or driving device helps in setting-up operation. The adjustable plunger type is very useful for this. Face-mounting types are widely used to fix to doors and windows, as well as to panels, and are ideal for protection-circuits on Crittal and other metal windows, as well as for use in domestic applications.

