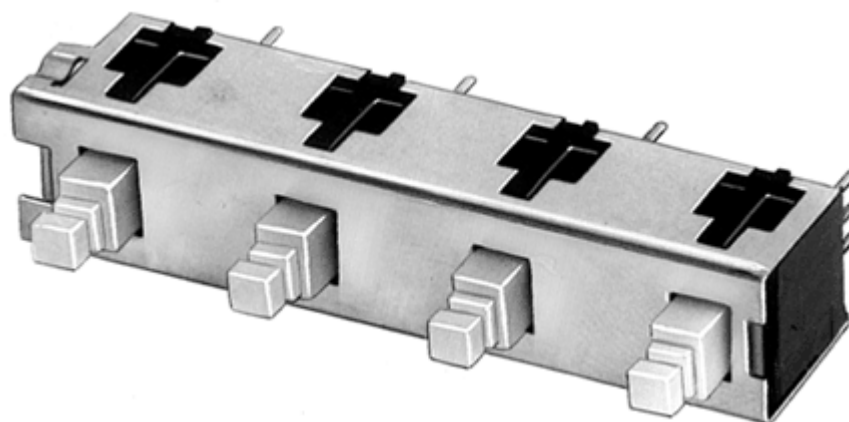


Switchcraft®

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MULTIPLE STATION SWITCHES IBS MULTI-SWITCH SWITCHES - SERIES IBS

IBS10B04106AR

[click here to download a schematic drawing](#)

(you will need to have Adobe Acrobat installed on your system to do this)



Series IBS miniature pushbutton switches are mounted on common frames, up to 12 stations long with center-to-center spacing

of 0.394 inch (10mm), 0.590 inch (15mm) or 0.787 inch (20mm). Available with interlock, non-lock (momentary) or push-lock/push-release mechanical functions. .130 inch (3.30mm) x .130 inch (3.30mm) square plungers accept a full line of industry standard pushbuttons. Switches are stocked without pushbuttons due to wide variety that can be used. Order pushbuttons separately. Switches have .157 inch (4mm) long PC terminals for mounting single- or double-sided PC boards up to .094 inch (2.39mm) thick. Close stacking (centers) permits high density within minimum front panel space.

SPECIFICATIONS

MECHANICAL

Switch Actuation: Momentary, interlock and push-lock/push-release.

Plunger Travel: .144 inch (3.66 mm).

Actuation Force: At .135 inch (3.43mm) travel: 12-15 oz.

ELECTRICAL

0.125A resistive @ 125 V AC, .25 AMP at 28V DC.

MATERIALS

Housing: Thermoplastic 94V-0.

Plunger: Thermoplastic UL 94V-0.

Contactors: Copper alloy.

Terminals: Copper alloy, solder plated. Tin-dipped available on special order.

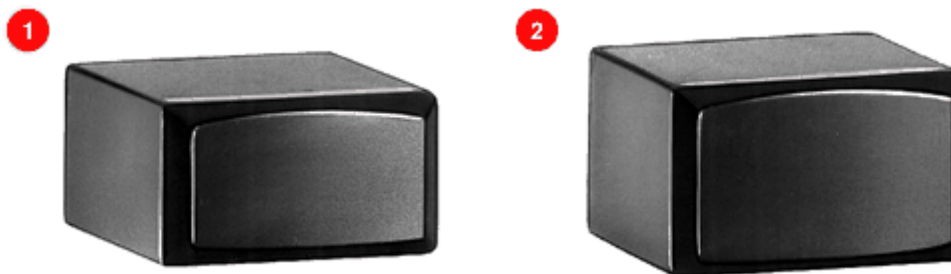
Contact Surfaces: Plated.

Frame: Copper alloy.

Latch Bar: Thermoplastic.

PUSHBUTTONS

Pushbuttons designed for IBS switches are available in white, black, red, blue and gray. Others colors are available on special order. Pushbutton faces are concave for operator convenience and can be mounted either horizontally or vertically. Pushbuttons must be ordered separately, but may be factory installed, if desired, at nominal extra cost.



1. **TYPE I** 0.388 (9.86) x 0.216 (5.49)
2. **TYPE II** 0.464 (11.79) x 0.288 (7.32)

Part Numbers / 0.394 inch (10mm) Centers*

Interlock	Push-Lock/ Push-Release	Number of Stations**
IBS10B02106AR***	IBS10B02706AR***	2
IBS10B04106AR***	IBS10B04706AR***	4
IBS10B06106AR***	IBS10B06706AR***	6
IBS10B08106AR***	IBS10B08706AR***	8
IBS10B10106AR***	IBS10B10706AR***	10
IBS10B12106AR***	IBS10B12706AR***	12

Part Numbers / 0.590 inch (15mm) Centers*

IBS15B02106AR***	IBS15B02706AR***	2
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IBS15B04106AR***	IBS15B04706AR***	4
IBS15B06106AR***	IBS15B06706AR***	6
IBS15B08106AR***	IBS15B08706AR***	8
IBS15B10106AR***	IBS15B10706AR***	10
IBS15B12106AR***	IBS15B12706AR***	12

Part Numbers / 0.787 inch (20mm) Centers*

IBS20B02106AR***	IBS20B02706AR***	2
IBS20B04106AR***	IBS20B04706AR***	4
IBS20B06106AR***	IBS20B06706AR***	6
IBS20B08106AR***	IBS20B08706AR***	8
IBS20B10106AR***	IBS20B10706AR***	10
IBS20B12106AR***	IBS20B12706AR***	12

Part Numbers

Type I	Type II	Color
P2936	P2951	White
P2937	P2952	Black
P2938	P2953	Red
P2939***	P2954***	Yellow
P2940***	P2955***	Green
P2941	P2956	Blue
P2942	P2957	Gray
P2943***	P2958***	Brown
----	P2979***	Cream
----	P2992***	Tangerine

* Switches with all-lock function are available on special order. Contact Switchcraft.

** Odd number of stations (3, 5, 7, 9, 11) are available. Switches with 13 through 18 stations also available. Contact Switchcraft.

*** Special order only; Contact Switchcraft for price and delivery information.

IBS PART NUMBERING CODE

IBS	XX	X	XX	X	XX*	X	R
	CENTERS	FRAME STYLE	STATIONS	MECHANICAL FUNCTION	CIRCUITS	TERMINAL LENGTH	
	.394 inch (10mm)	A - Mounting Ears	01-12	1 - Interlock	01-1A	A - .157 inch (4mm)	
	.590 inch (15mm)	B - No Mounting Ears		2 - Non-Lock	02-1B		
	.787 inch (20mm)			7 - Push-Lock/ Push Release	03-1C		
					04-2A		
					05-2B		
					06-2C		

* 8 stations maximum on 0.787 inch (20mm) centers.

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