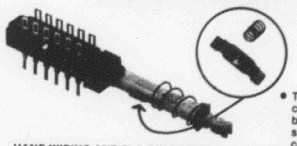
MODULAR PUSH BUTTON SWITCHES

"Creative Switchmakers" for Home Entertainment Products and Test Equipment

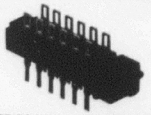
If it's a better switch you need . . . better switch to Schadow!

better switch... here's why...



HAND WIRING AND FLO-SOLDERING CONNECTIONS ARE STANDARD
- Solder lugs on top for hand wiring
- PC spikes at bottom for flo-soldering

INDIVIDUAL COIL SPRING LOADED MOVING CONTACTS
- The coil spring-loaded contoured moving contacts have been designed to provide balanced contact pressure for optimum surface to surface interface with the fixed contacts . . . assuring reliable performance in low voltage (dry circuit) applications
- Long term low contact resistance
- Constant coil spring tension at the contact points provides positive self-cleaning action



SUPERIOR MODULAR CONSTRUCTION
- Ease of maintenance . . . switch plunger with sliding contacts is removable from the front without disturbing electrical connections

MODULE ADVANTAGES
- Enclosed housing protects inner contact area from dust and foreign intrusions
- Fixed terminals are "staked" in position, providing an extra seal to help prevent wicking of solder or flux
- Molded PC Board Standoffs, front and back, on bottom side, assure parallel mounting

TECHNICAL DATA

Contact Resistance	4-6 mOhms
after 25,000 cycles	6-20 mOhms
Lifetime Expectation Interlocked (50,000) Momentary, Push Push (100,000) cycles	
Material of Construction	
Fixed contact. Brass/Silver Plated	.0002"
Moving contact	Bimetal Brass/Silver .0004"
Plunger Material	Polycarbonate V-0 rated or Delrin
Contacts	Non-shorting
Housing Material	Polycarbonate V-0 rated or Glass Reinforced Nylon
Terminal Board Material	High Grade Paper Phenolic or V-0 rated material
	Series F
Key pressure with 2PDT	.28 oz.
Key pressure with 4PDT	.32 oz.
Key pressure with 6PDT	.35 oz.
Key pressure with 8PDT	.42 oz.
Key pressure with 10PDT	.46 oz.
Key pressure with Power Switch	.42 oz.

NOTE: Lighter key pressures available, contact factory for details.

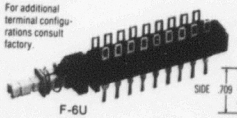
NOTE: For switching applications requiring flame retardant materials, contact factory.

CHASSIS DIMENSIONS FOR SERIES F & SERIES G SWITCHES

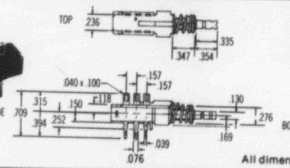
NOTE: Maximum stations to be grouped in one interlocking action. 10mm-10/12.5mm-23/15mm-23/17.5mm-23/20mm-19

F SERIES

For additional terminal configurations consult factory.



F-6U
6P DT



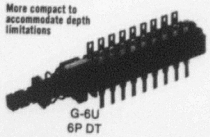
MODULE DIMENSIONS

	X	Y
2PDT	.827	1.670
4PDT	1.300	2.143
6PDT	1.772	2.615
8PDT	2.244	3.087
10PDT	2.716	3.559
16PDT		

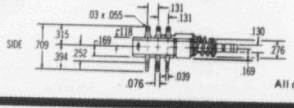
All dimensions in inches

G SERIES

More compact to accommodate depth limitations



G-6U
6P DT



MODULE DIMENSIONS

	X	Y
2PDT	.705	1.548
4PDT	1.098	1.941
6PDT	1.492	2.335
8PDT	1.895	2.705

All dimensions in inches

ITT ITT Schadow inc

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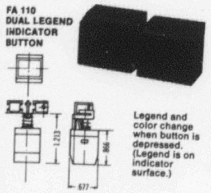
TWX 910-576-2469 • TELEX: 29-0556
Manufacturing facilities in
Minneapolis, Minnesota; Einbeck, W. Germany; W. Berlin, Cucq, Dole, France and Singapore
In Canada: ITT Components, 4001 Chesswood Drive, Downsview, Ontario M3J 2R8
(416) 630-7971 • TELEX: 06-22703

Reference GOLD BOOK when you call or write.

MECHANICAL REFLECTING INDICATOR BUTTONS FOR F & G SERIES

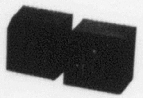
- Uses no energy. Needs no lamp, lamp/holder, power supply, switch contact or wiring.
- Works on the principle of reflecting ambient light through a clear plastic lens.
- Generates no heat and eliminates costly lamp replacement.

FA 110 DUAL LEGEND INDICATOR BUTTON



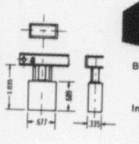
Legend and color change when button is depressed. (Legend is on indicator surface.)

Button Shell Colors: Black, white, grey
Indicators: Black, green, orange, white, grey, yellow, blue



Legend remains the same, but indicator color changes when the button is depressed. (Legend is on rear side of clear lens cap.)

FA 100



Button Shell Colors: Chrome, black, white, grey, nickel
Indicators: Blue, orange, yellow, green, amber, white

right on the button . . .

standard buttons for Series F and G Switches

Rectangular buttons also can be snapped on vertically to provide more selection of larger buttons on smaller chassis spacing. Standard colors shown . . . other colors to match or contrast with your equipment available on special order.

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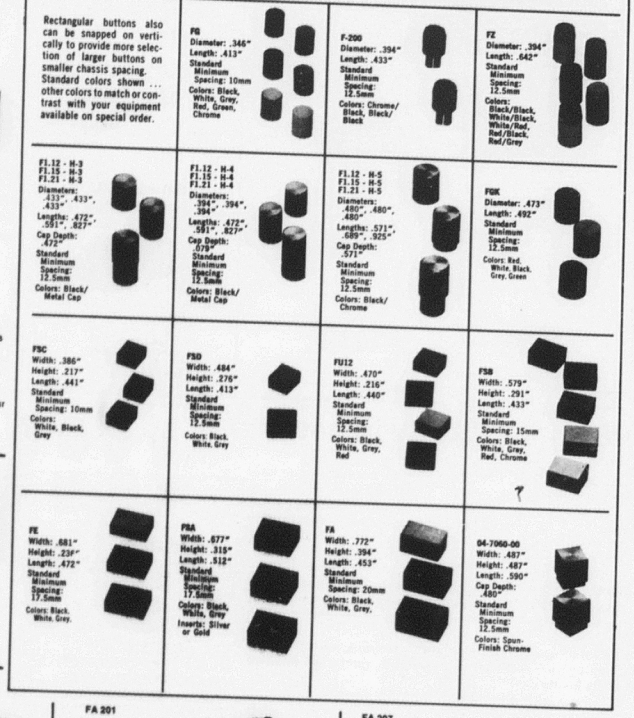
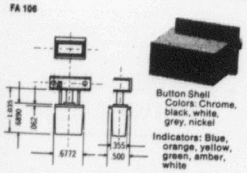
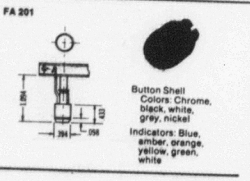


FA 106



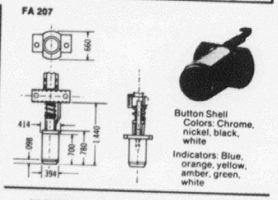
Button Shell Colors: Chrome, black, white, grey, nickel
Indicators: Blue, orange, yellow, green, amber, white

FA 201



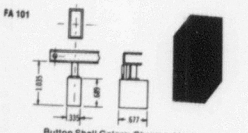
Button Shell Colors: Chrome, black, white, grey, nickel
Indicators: Blue, amber, orange, yellow, green, white

FA 207



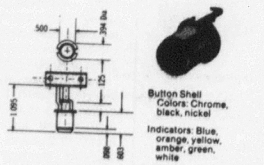
Button Shell Colors: Chrome, nickel, black, white
Indicators: Blue, orange, yellow, amber, green, white

FA 101



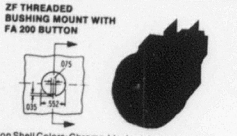
Button Shell Colors: Chrome, black, white, grey, nickel
Indicators: Orange, yellow, green, amber, blue, white

FA 206



Button Shell Colors: Chrome, black, nickel
Indicators: Blue, orange, yellow, amber, green, white

ZF THREADED BUSHING MOUNT WITH FA 200 BUTTON



Button Shell Colors: Chrome, black, nickel, white, grey
Indicators: Blue, orange, yellow, green, amber, white
Choice of black, chrome or grey front mounting nut.

See, VOL 1, for Local Sales Outlets