Features/Benefits

- Up to 10 poles per module
- Various contact terminals
- Various mounting & switch ganging configurations
- Mechanical indicator buttons
- RoHS compliant

Specifications

- SWITCHING POWER: F module max. AC/DC: Silver: 50 VA/15W, Gold: 1 VA/300 mW.
- SWITCHING VOLTAGE: F module max. AC/DC: Silver: 125/30V, Gold: 50/30 V.
- SWITCHING CURRENT: F module max. AC/DC: Silver: 0.5A/0.5A, Gold: 0.04A/0.01A.
- CARRYING CURRENT: Max at du = 20C: Silver: < 2A, Gold: <0.5A.
- DIELECTRIC STRENGTH (50 Hz, 1 min.): Chassis/contact: ^1500V Between contacts: ^1500V.
- OPERATING LIFE "OA/EE" (24V/200mA): >10⁵ operations "GR": >3.5 x 104 operations.
- CONTACT RESISTANCE: Initial: Typical %10 m\Omega, max. 20 m\Omega After operating life: %100 m\Omega
- INSULATION RESISTANCE: ^10⁹ Ω between open contacts, ^10⁹ Ω between chassis and contacts.
- CAPACITANCE (at f = 10 kHz): %0.7 pF between 2 contacts.
- TOTAL TRAVEL/LATCHING TRAVEL: 4.7mm/3.3mm (.185 inch/.130 inch).
- All models and options are RoHS compliant and compatible.

NOTE: All models and options are RoHS compliant and compatible.

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

- **Typical Applications**
- Audio selection
- Digital equipment interface
- Medical equipment interface



TYPICAL F OPERATING FORCE: 2U: 6.5N (650 grams); 4U: 6.5N (650 grams); 6U: 7.5N (750 grams); 8U: 9.0N (900 grams); 10U: 9.0N (900 grams).

EUROPEAN TYPICAL SF OPERATING FORCE:

2U: 3.5N±0.5N (350 grams±100 grams); 4U: 5N±1N (500 grams±100 grams); 6U: 6.5N±1N (650 grams±100 grams); 8U: 9.0N±1N (900 grams±100 grams).

OPERATING TEMPERATURE RANGE: -40°C to 70°C.

Materials

HOUSING: Polycarbonate UL 94V-0 or polyester UL 94V-0.

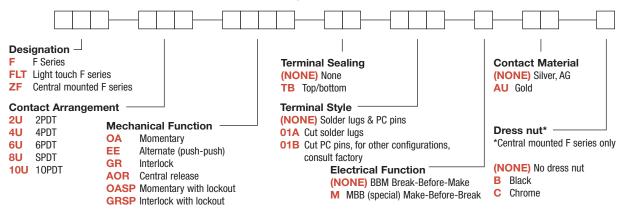
ACTUATOR: Polyester UL 94V-0.

- MOVABLE CONTACTS: Bimetal brass, silver plated, gold plate over nickel.
- STATIONARY CONTACTS & TERMINALS: Brass, silver plated, gold plated.
- TERMINAL BOARD: Polyester UL 94V-0.
- RETURN SPRING: Music wire.
- TERMINAL SEAL: RTV adhesive sealant.
- CHASSIS: Steel.
- LOCKOUT PIN: Steel.
- BLOCKERS: Steel.

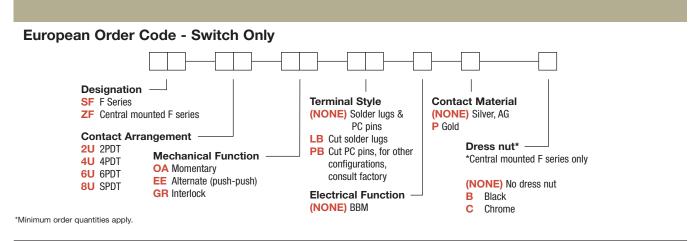
Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages A-89 thru A-97. For additional options not shown in catalog, consult Customer Service Center. If requesting only a switch, select either a North American or European switch as noted below. Chassis and buttons are sold separately. If multiple stations are selected, we will assume all switches are the same unless noted otherwise.

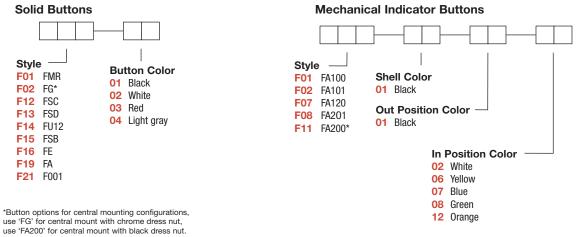
North American Order Code - Switch Only



A-88



Order Code - Buttons



BUTTON REMOVAL

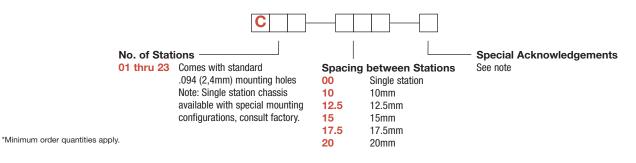
A button of a push-push switch should only be removed in the "OFF" non-latching position.



Order Code - Chassis

To order a switch with chassis, create the switch part number listed above and add the Chassis part number configurator information at the end of the part number.

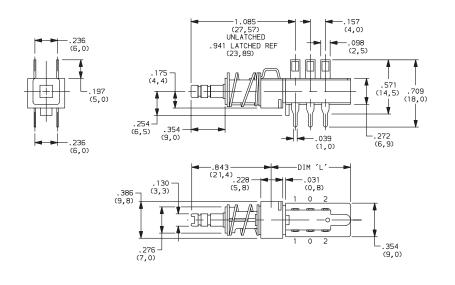
Note: We do not guarantee or recommend interlocking beyond 10 stations.



SWITCHES WITH STANDARD OPTIONS

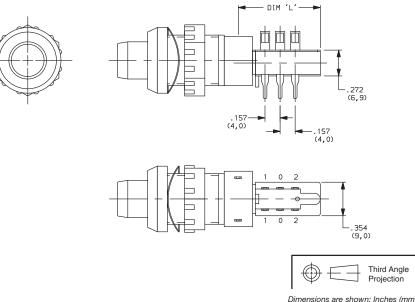
F2UEE

CONTACT ARRANGEMENT	LENGTH DIM 'L'
2U	0.827 (21,00)
4U	1.300 (33,00)
6U	1.770 (45,00)
8U	2.240 (57,00)
10U	2.720 (69,00)



ZF2UEEBF11010108

CONTACT ARRANGEMENT	LENGTH DIM 'L'
2U	0.827 (21,00)
4U	1.300 (33,00)
6U	1.770 (45,00)
8U	2.240 (57,00)
10U	2.720 (69,00)





A Pushbutton

DESIGNATION

Designation, North America

F F Series

FLT Light touch F series ZF

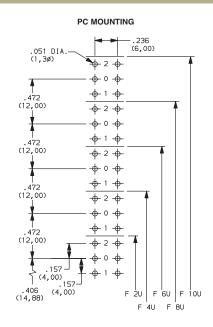
Central mounted F series

Designation, Europe SF F Series

ZF Central mounted F series

CONTACT ARRANGEMENT

OPTION CODE	OPTION CODE NO. OF POLES S	
2U	2PDT	
4U	4PDT	2X 1 0 0 0 2X 1 0 2 1 0 2
6U	6PDT	3X 1 0 0 0 3X 1 0 2 1 0 2
8U	8PDT	4X 1 0 0 0 4X 1 0 2 1 0 2
10U	10PDT	5X 1 0 0 0 5X 1 0 2 1 0 2



MECHANICAL FUNCTION

North America

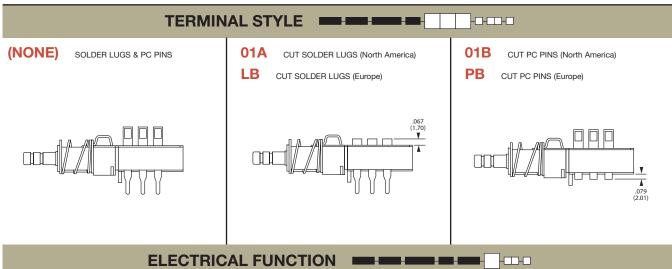
OPTION CODE	FUNCTION		
OA	Momentary		
EE	Alternate (push-push)		
GR	Interlock		
AOR	Central release		
OASP	Momentary with lockout		
GRSP	Interlock with lockout		

Europe

OPTION CODE	FUNCTION
OA	Momentary
EE	Alternate (push-push)
GR	Interlock

TERMINAL SEALING	
(NONE) NO SEAL	ТВ ТОР & ВОТТОМ
	TOP & BOTTOM
F2UEE shown in example above.	NOTE: Available for North America only
CaK	Dimensions are shown: Inches (mm) Specifications and dimensions subject to change

Uan

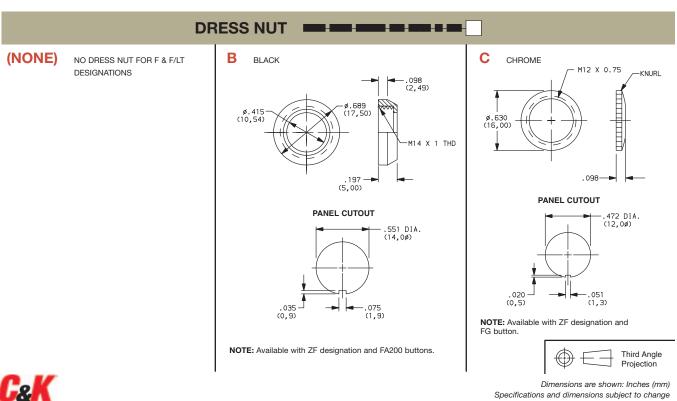


OPTION CODE	FUNCTION
(NONE)	BBM Non-shorting
М	MBB Shorting (North America only)

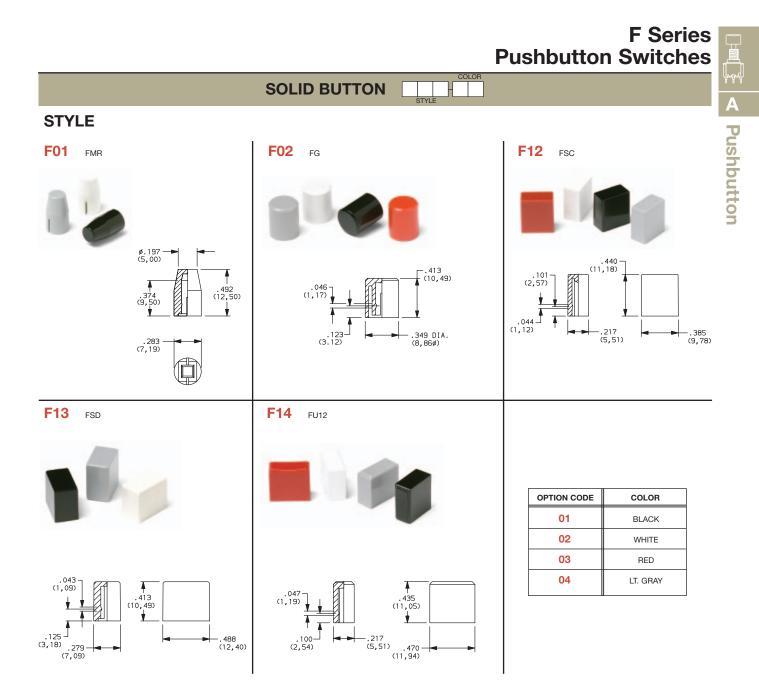
CONTACT MATERIAL ----

NORTH AMERICA OPTION CODE	EUROPE OPTION CODE	RoHS COMPLIANT *	RoHS COMPATIBLE *	MATERIAL	RATING
(NONE)	(NONE)	YES	YES	SILVER, AG	50 VA/15 W; 125/30 V; 0.5/0.5 A
AU	Р	YES	YES	GOLD	1 VA/300mW; 50/30 V; 0.04 A/0.01 A

* Note: See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications.

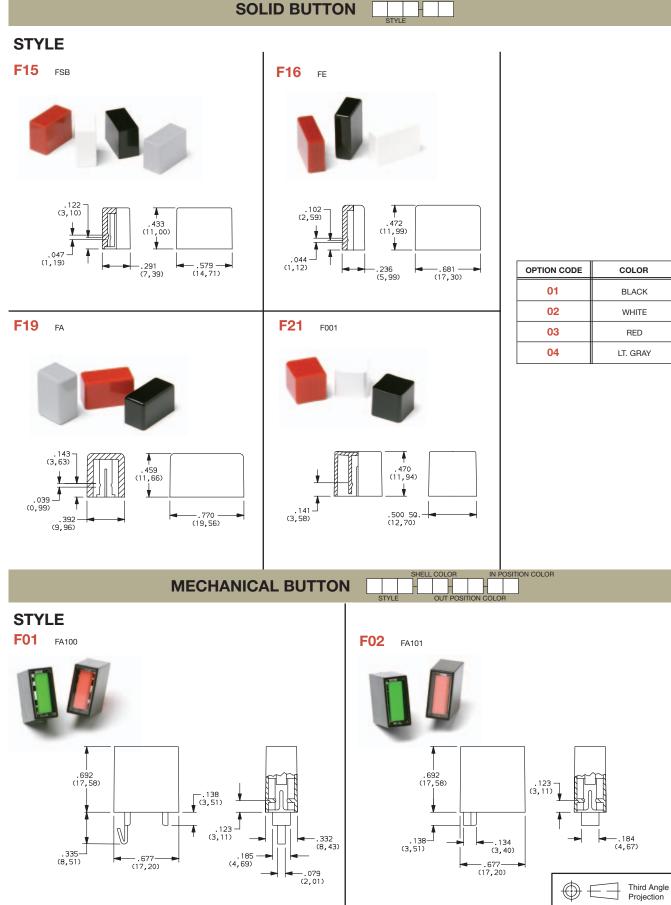






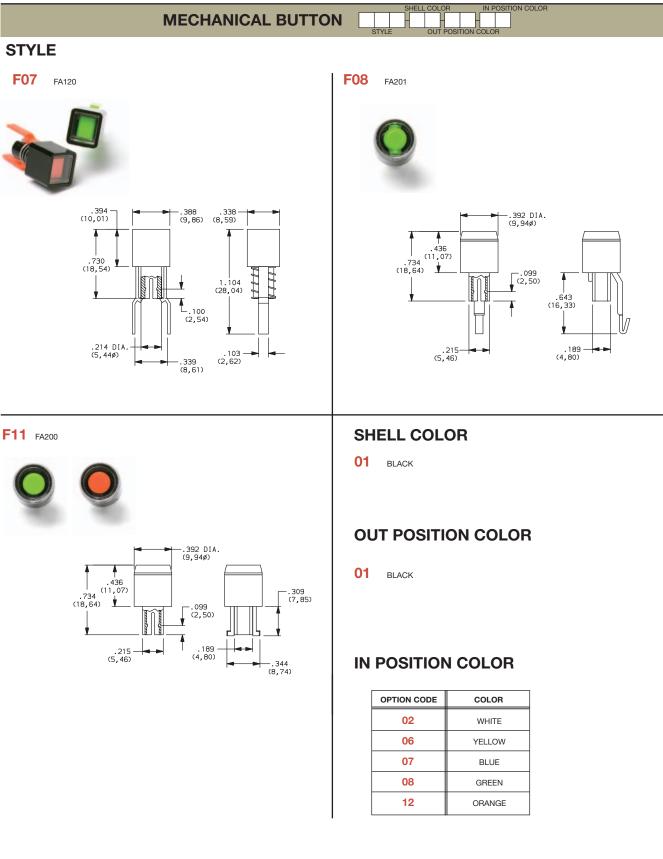


Dimensions are shown: Inches (mm) Specifications and dimensions subject to change





Specifications and dimensions subject to change





Dimensions are shown: Inches (mm) Specifications and dimensions subject to change

 \bigcirc

Third Angle Projection

NUMBER OF STATIONS

C00 Thru C10 Comes with standard 0.094 (2,44mm) mounting holes

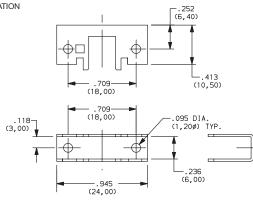
CHASSIS

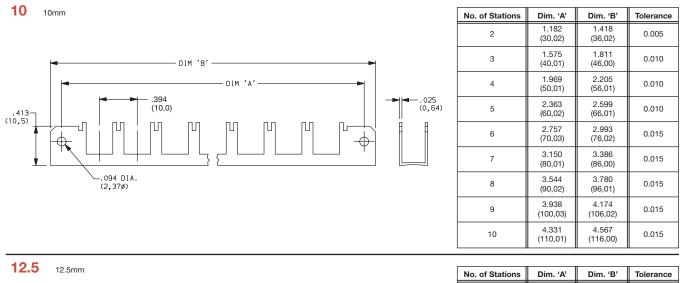
-

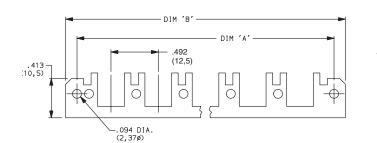
NOTE: Single station chassis available with mounting configurations, consult factory.

SPACING

00 SINGLE STATION







	No. of Stations	Dim. 'A'	Dim. 'B'	Tolerance
	2	1.200 (30,48)	1.436 (36,47)	0.005
	3	1.692 (42,98)	1.928 (48,97)	0.010
	4	2.184 (55,47)	2.420 (61,47)	0.010
025 (0,64)	5	2.676 (67,97)	2.912 (73,96)	0.010
-	6	3.169 (80,49)	3.405 (86,49)	0.015
	7	3.661 (92,99)	3.897 (98,98)	0.015
	8	4.153 (105,49)	4.389 (111,48)	0.015
	9	4.645 (117,98)	4.881 (123,98)	0.015
	10	5.137 (130,48)	5.373 (136,47)	0.015

C&K

Dimensions are shown: Inches (mm) Specifications and dimensions subject to change

 \bigoplus

Third Angle

Projection

CHASSIS

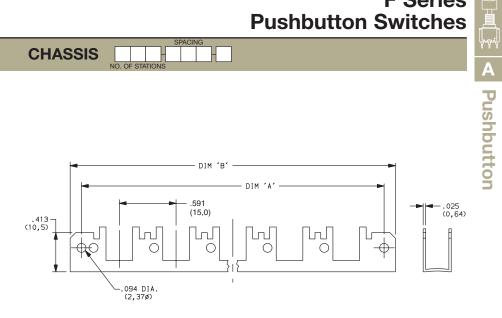
Н

Н

SPACING

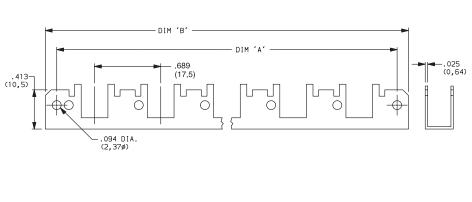
15 15mm

No. of Stations	Dim. 'A'	Dim. 'B'	Tolerance
2	1.374 (34,90)	1.615 (41,02)	0.005
3	1.969 (50,01)	2.205 (56,01)	0.010
4	2.560 (65,02)	2.796 (71,02)	0.010
5	3.150 (80,01)	3.386 (86,00)	0.010
6	3.741 (95,02)	3.977 (101,02)	0.015
7	4.332 (110,03)	4.568 (116,03)	0.015
8	4.922 (125,02)	5.158 (131,01)	0.015
9	5.513 5.749 (140,03) (146,02)		0.015
10	6.103 (155,02)	6.339 (161,01)	0.015



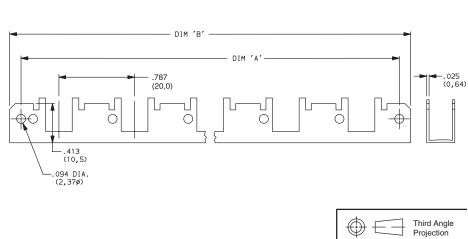
17.5 17.5mm

No. of Stations	Dim. 'A'	Dim. 'B'	Tolerance
2	1.477 (37,52)	1.713 (43,51)	0.005
3	2.166 (55,02)	2.402 (61,01)	0.010
4	2.855 (75,52)	3.091 (78.51)	0.010
5	3.544 (90,02)	3.780 (96,01)	0.010
6	4.233 (107,52)	4.469 (113,51)	0.015
7	4.922 (125,02)	5.158 (131,01)	0.015
8	5.611 (142,52)	5.847 (148.51)	0.015
9	6.300 (160,02)	6.536 (166,01)	0.015
10	6.989 (177,52)	7.225 (183,52)	0.015



20 20mm

No. of Stations	Dim. 'A'	Dim. 'B'	Tolerance
2	1.575 (40,01)	1.811 (46,00)	0.005
3	2.363 (60,02)	2.599 (66,01)	0.010
4	3.150 (80,01)	3.386 (86,00)	0.010
5	3.938 (100,03)	4.174 (106,02)	0.010
6	4.725 (120,02)	4.961 (126,01)	0.015
7	5.512 (140,00)	5.748 (146,00)	0.015
8	6.300 (160,02)	6.536 (166,01)	0.015
9	7.087 (180,01)	7.323 (186,00)	0.015
10	7.875 (200,03)	8.111 (206,02)	0.015





X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Pushbutton Switches category:

Click to view products by C&K manufacturer:

Other Similar products are found below :

LW1L-M1C10V-A LW2L-A1C20M-GD LW2L-M1C20M-A 60324L M7E-HRN2 67021K512 67081K512X 701PB580 719-5504-000 MDPSSGLFS 810KSV30B MML23KA3AC05K-001 MML23KW3AA01W 8418K2 8646AB6X718UL 8646ABUL FSDWH 9001KXRK 9001T8BK 9533CD4+U574+U4922 1203MRA A22EM01S A595 1202A6 12037A2ULCSA 1203A2UL ABD122N-B 1211390004 ABN111-Y 1211500044 1211580012 1212MRA 1232A6NF RA3CSH6A 1241.1183.7047 1241.2511 1241.3428 1223A2ULCSA 1223MRA 1232AX2119 1241.1183.8000 1241.1183.8029 1241.2506 1241.2606 12MA6 1301940184 RELBARF6X10(PLASTIC) 13435AG 13440AD2G25X822+U4546 13445A4GX768