

CF & F SERIES PUSHBUTTON ENCLOSURES

STAHLIN
A ROBROY Brand

EASILY ADAPTABLE, RUGGED, AND DURABLE

Developed for general purpose electrical and electronic applications and control stations, the pushbutton series includes an in-line style (in polycarbonate and fiberglass) and a multi-hole style (fiberglass only). All feature a continuous polyurethane gasket that provides a complete environmental seal.

MARKETS AND INDUSTRIES

- + Ideal for Non-Hazardous Industrial and Commercial OEM market segments
- + Industries such as O&G, Electrical Control, Water/Wastewater, and Manufacturing

OVERVIEW

- + **In-Line Pushbutton Enclosures** are designed as a true pushbutton station with no provisions for side panel mounting. Unobstructed side-walls, captive stainless steel cover screws, and a full range of sizes make this a versatile offering for housing pushbuttons, switches, and pilot lights in both 30mm and 22 mm configurations.
- + **Multi-Hole Pushbutton Enclosures** have an integral flange mount and back panel capabilities. This series is ideal for high density pushbutton mounting and can accommodate up to nine operators on a single cover. This design is compatible with 30mm configuration components.

APPLICATIONS

- + Designed for compact portable control systems or for use as an operator interface in both indoor and outdoor environments.
- + Can also be used as general junction or termination point enclosures in an electrical system.

INNOVATIVE FEATURES

- + Flush cover design
- + Memory retaining continuous polyurethane gasket
- + Captive cover screws
- + Full metal grounding strap (included with fiberglass only)
- + Notched keyhole design
- + Chemically resistant non-metallic materials
- + Corrosion-resistant environmental design
- + Available in 22mm and 30mm configurations
- + Safety Yellow Pushbutton Enclosure available in a high-visibility molded-in yellow color, ensuring compliance with ISO standards and increased user safety, especially in areas with low levels of lighting.



IN-LINE PUSHBUTTON ENCLOSURES

CONSTRUCTION

Materials (Box and Cover)

- + SolarGuard® hot compression molded fiberglass reinforced polyester OR
- + Polycarbonate with UV inhibitors (available in-line 1 and 2 hole only, and yellow push button)

Gasket

- + Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal

Cover Screws

- + **Fiberglass Series:** Recessed captive stainless steel screws
- + **PC Series:** Captive non-metallic screws

Stainless Steel Hardware

- + 300 Series stainless used on all external hardware

Enclosure Mounting

- + Mounting wells located under the cover, outside gasket area

Soft Edge Design

- + Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris

INDUSTRY STANDARDS

- + NEMA 10250, UL 50, UL 50e, UL 508A
- + cULus Listed File #E64358 / CSA Std. C22.2
- + Type 1, 3R, 4, 4X, 6P, 12, as designated
- + IEC Ingress Rating: IP66, IP67, IP68, as designated
- + UL 1741 Listed File #E333478 (Fiberglass only)

- + Plenum Space UL 2043 Compliant (Fiberglass only)
- + Flammability Rating: UL94-5VA
- + NFPA No. 101 Flame Spread: Class A(1) (Fiberglass only)
- + Outdoor Exposure UL 746C: (f1) Rated

CATALOG NUMBERS AND DIMENSIONS

CF Series Fiberglass In-Line Pushbutton Enclosures				
Catalog #	Hole Configuration	Hole Size	Overall H x W x D	Inside H x W x D
CF1PB	1	30mm	6.63 x 3.81 x 3.89	6.00 x 3.19 x 3.63
CF1PB22	1	22mm	6.63 x 3.81 x 3.89	6.00 x 3.19 x 3.63
CF2PB	2	30mm	6.63 x 3.81 x 3.89	6.00 x 3.19 x 3.63
CF2PB22	2	22mm	6.63 x 3.81 x 3.89	6.00 x 3.19 x 3.63
CF3PB	3	30mm	8.88 x 3.81 x 3.89	8.26 x 3.19 x 3.63
CF3PB22	3	22mm	6.63 x 3.81 x 3.89	6.00 x 3.19 x 3.63
CF4PB	4	30mm	11.13 x 3.81 x 3.89	10.51 x 3.19 x 3.63
CF4PB22	4	22mm	8.88 x 3.81 x 3.89	8.26 x 3.19 x 3.63
CF5PB	5	30mm	13.78 x 3.63 x 3.14	13.19 x 3.03 x 2.87
CF5PB22	5	22mm	11.13 x 3.81 x 3.89	10.51 x 3.19 x 3.63
CF6PB	6	30mm	17.35 x 3.63 x 3.14	16.75 x 3.03 x 2.87
CF6PB22	6	22mm	11.13 x 3.81 x 3.89	10.51 x 3.19 x 3.63

CFPC Series Polycarbonate In-Line Pushbutton Enclosures				
Catalog #	Hole Configuration	Hole Size	Overall H x W x D	Inside H x W x D
CFPC1PB	1	30mm	6.63 x 3.81 x 3.89	6.00 x 3.19 x 3.63
CFPC2PB	2	30mm	6.63 x 3.81 x 3.89	6.00 x 3.19 x 3.63
CFPC1PB22	1	22mm	6.63 x 3.81 x 3.89	6.00 x 3.19 x 3.63
CFPC2PB22	2	22mm	6.63 x 3.81 x 3.89	6.00 x 3.19 x 3.63
YW-CFPC1PB	1	30mm	8.88 x 3.81 x 3.89	8.26 x 3.19 x 3.63
YW-CFPC2PB	2	30mm	6.63 x 3.81 x 3.89	6.00 x 3.19 x 3.63
YW-CFPC1PB22	1	22mm	11.13 x 3.81 x 3.89	10.51 x 3.19 x 3.63
YW-CFPC2PB22	2	22mm	8.88 x 3.81 x 3.89	8.26 x 3.19 x 3.63
CFPC432	Blank	n/a	13.78 x 3.63 x 3.14	13.19 x 3.03 x 2.87
CFPC533	Blank	n/a	11.13 x 3.81 x 3.89	10.51 x 3.19 x 3.63



MULTI-HOLE PUSHBUTTON ENCLOSURES

CONSTRUCTION

Materials (Box and Cover)

- + SolarGuard® hot compression molded fiberglass reinforced polyester

Gasket

- + Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal

Cover Screws

- + Recessed captive stainless steel screws

Stainless Steel Hardware

- + 300 Series stainless used on all external hardware

Enclosure Mounting

- + Integral mounting flange for ease of mounting

Cover Retention Chain

- + Stainless steel beaded chain for securing cover after lift-off

Soft Edge Design

- + Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris

INDUSTRY STANDARDS

- + NEMA 10250, UL 50, UL 50e, UL 508A
- + cULus Listed File #E64358 / CSA Std. C22.2
- + Type 1, 3R, 4, 4X, 6P, 12, as designated
- + IEC Ingress Rating: IP66, IP67, IP68, as designated
- + UL 1741 Listed #E333478 (Fiberglass only)

- + Plenum Space UL 2043 Compliant (Fiberglass only)
- + Flammability Rating: UL94-5VA
- + NFPA No. 101 Flame Spread: Class A(1) (Fiberglass only)
- + Outdoor Exposure UL 746C: (f1) Rated

CATALOG NUMBERS AND DIMENSIONS

F Series Fiberglass Multi-Hole Pushbutton Enclosures				
Catalog #	Hole Configuration	Hole Size	Overall H x W x D	Inside H x W x D
F4PBW	2 x 2	30mm	7.50 x 7.50 x 4.75	5.72 x 5.72 x 4.45
F6PBW	3 x 2	30mm	9.62 x 7.50 x 4.74	7.73 x 5.74 x 4.45
F9PBW	3 x 3	30mm	11.62 x 9.41 x 4.25	9.73 x 7.73 x 3.98

