

# Fiberglass Enclosures – Commander Series



## Junction Box with Crowned Screw Cover



### Construction

- Hot compression molded fiberglass reinforced polyester (thermoset)
- Poured polyurethane seamless gasket provides watertight dust-tight environmental seal
- UV resistant
- Workable material cuts, drills, punches and saws with ease and accuracy
- Four recessed captive stainless steel screws [CO1732 has six]
- Optional mounting feet available for CO644, CO844, and CO1144 only
- Rounded edges, minimal protrusions or exposed pocket areas for accumulation of dust or debris
- Submersible, non-corrosive environmental design
- 216 lb-in impact resistance per UL746C
- Non-conductive double insulated material
- Smooth surface, no color variations, swirls or color pockets, no voids
- Color: Gray

### Listings

- UL/cUL File E64358  
NEMA Ratings 1, 3R, 4X, 6P, 12 (UL508A, UL50 & UL50e)
- CSA Std. C22.2 File 1, 3R, 4X, 6P, 12 per CSA File# LR069014
- IEC 60529 Rating IP66, IP67, IP68 per UL File E362920
- UL 1741 File E333478
- Temperature Range (-76°F to +274°F) (-60°C to +134°C)
- Flammability Rating UL94-5V  
Self extinguishing Non-halogenated, non-flame propagating
- NFPA No. 101 Flame Spread Class A (1)
- Certifications cULus, CSA, IEC, REACH, RoHS
- Outdoor UV Exposure (UL 746C) (f1) Rated
- Plenum Space Rating (UL 2043) Yes



CO1144



Enclosure Shipping Schedule			
Same day	1 - 5 days	1 - 15 days	1 - 20 days

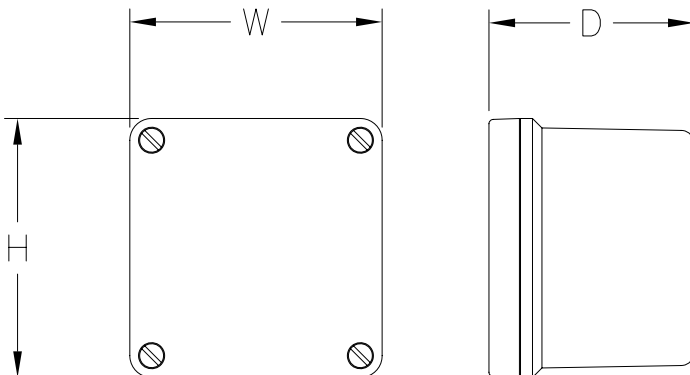
Color indicates shipping lead time in business days.

### Commander Series Fiberglass Enclosures - Junction Box with Crowned Screw Cover

Part Number	Price	Enclosure Overall Size HxWxD	Wt. [lb]
CO332*	\$26.00	3.72 x 3.63 x 2.95 [95 x 92 x 75]	0.8
CO532	\$27.00	5.97 x 3.63 x 3.14 [152 x 92 x 80]	1.0
CO644	\$28.50	6.63 x 3.81 x 3.89 [168 x 97 x 99]	1.3
CO832	\$29.50	8.41 x 3.63 x 3.14 [214 x 92 x 80]	1.4
CO844	\$30.50	8.88 x 3.81 x 3.89 [225 x 97 x 99]	1.6
CO932	\$33.00	9.35 x 3.63 x 3.14 [237 x 92 x 80]	1.3
CO1144	\$35.00	11.13 x 3.81 x 3.89 [283 x 97 x 99]	1.9
CO1432	\$37.50	13.78 x 3.63 x 3.14 [350 x 92 x 80]	1.9
CO1732**	\$54.00	17.35 x 3.63 x 3.14 [441 x 92 x 80]	2.4

Notes: No subpanel available for these enclosures.  
 Dimensions in inches [millimeters].  
 Mounting foot kit [COMTGFTKIT] must be ordered separately.  
 \*CO332 has flat cover.  
 \*\* CO1732 has six captive cover screws that can affect usable interior space.  
 Drawings shown below do not reflect center screw set.

### Dimensions



See our website: [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete engineering drawings.

# Fiberglass Enclosures – Commander Series

## Junction Box with Screw Cover



CO763

### Construction

- Hot compression molded fiberglass reinforced polyester (thermoset)
- Poured polyurethane seamless gasket provides watertight dust-tight environmental seal
- UV resistant
- Workable material cuts, drills, punches and saws with ease and accuracy
- Four captive stainless steel screws
- Optional mounting feet available
- Raised bosses with brass inserts accepting #10-32 screws for optional panel mounting
- Rounded edges, minimal protrusions or exposed pocket areas for accumulation of dust or debris
- Non-corrosive in chemical exposure
- Submersible, non-corrosive environmental design
- 216 lb-in impact resistance per UL746C
- Lift-off cover with four cover screws
- Smooth surface, no color variations, swirls or color pockets, no voids
- Optional carbon steel back panel available
- Color: Gray

### Listings

- UL/cUL File # E64358  
NEMA Ratings 1, 3R, 4X, 6P, 12 (UL508A, UL50 & UL50e)
- CSA Std. C22.2 File # 1, 3R, 4X, 6P, 12 per CSA File# LR069014
- IEC 60529 Ratings IP66, IP67, IP68 per UL file# E362920
- IUL 1741 File # E333478
- Temperature Range (-76°F to +274°F) (-60°C to +134°C)
- Flammability Rating UL94-5V
- Self extinguishing Non-halogenated, non-flame propagating
- NFPA No. 101 Flame Spread Class A (1)
- Certifications cULus, CSA, IEC, REACH, RoHS
- Outdoor UV Exposure (UL 746C) (f1) Rated
- Plenum Space Rating (UL 2043) Yes

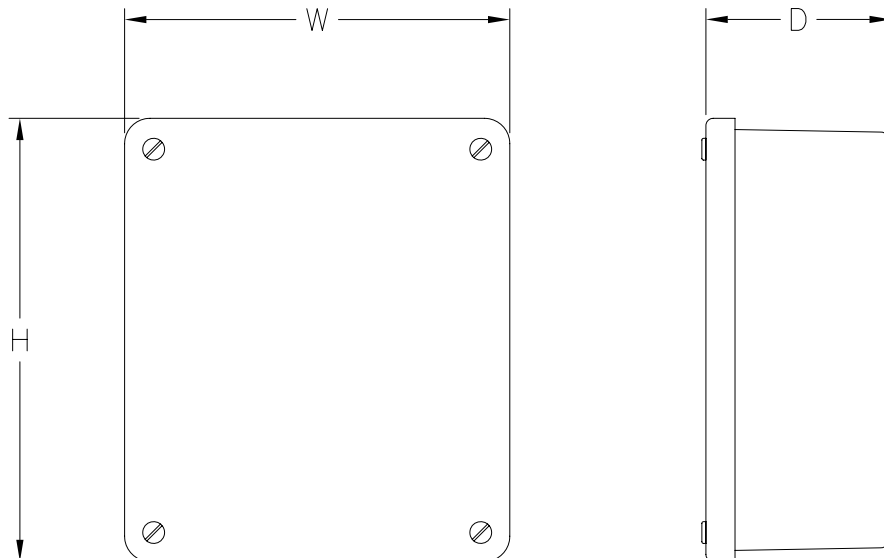


Enclosure Shipping Schedule			
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Commander Series Fiberglass Enclosures - Junction Box with Screw Cover				
Part Number	Price	Enclosure Overall Size HxWxD	Wt. [lb]	Carbon Steel Subpanel
CO763	\$37.00	7.63 x 6.63 x 3.19 [194 x 168 x 81]	2.3	BP76CS
CO963	\$42.50	9.87 x 6.63 x 3.19 [251 x 168 x 81]	2.2	BP96CS

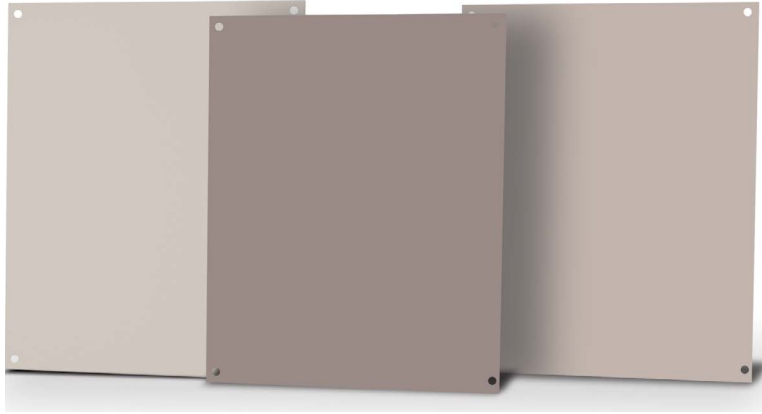
*Notes: Subpanels must be ordered separately.  
Dimensions in inches [millimeters].*

### Dimensions



See our website: [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete engineering drawings.

# Subpanels for Freedom, MachoBox and Centurion Series Fiberglass Enclosures



Subpanel Specifications		
Subpanel	Material	Color/Finish
Carbon Steel	Carbon Steel	White polyester powder Finish
Aluminum	3003H14 Aluminum	Mill Finish
Fiberglass	FRP (Fiberglass reinforced polyester)	Gray



## Carbon steel subpanels

## Fiberglass subpanels

Subpanel Part Number	Price	Subpanel Size HxWxD	Enclosure Nominal Size HxW	Wt (lb)
<b>BP64CS</b>	\$5.00	4.88 x 2.88 x 0.075 [124 x 73 x 1.9]	6 x 4	0.3
<b>BP66CS</b>	\$5.00	4.88 x 4.88 x 0.075 [124 x 124 x 1.9]	6 x 6	0.5
<b>BP76CS</b>	\$5.50	6.00 x 4.88 x 0.075 [152 x 124 x 1.9]	7 x 6	0.6
<b>BP86CS</b>	\$6.00	6.75 x 4.88 x 0.075 [152 x 124 x 1.9]	8 x 6	0.8
<b>BP88CS</b>	\$8.50	6.88 x 6.88 x 0.075 [175 x 175 x 1.9]	8 x 8	0.8
<b>BP96CS</b>	\$7.50	8.25 x 4.88 x 0.075 [175 x 124 x 1.9]	9 x 6	0.9
<b>BP108CS</b>	\$9.25	8.75 x 6.88 x 0.075 [225 x 175 x 1.9]	10 x 8	1.3
<b>BP1210CS</b>	\$11.00	10.88 x 8.75 x 0.075 [276 x 225 x 1.9]	12 x 10	2.1
<b>BP1412CS</b>	\$13.25	12.88 x 10.88 x 0.075 [327 x 276 x 1.9]	14 x 12	3.0
<b>BP1614CS</b>	\$17.25	14.88 x 12.88 x 0.075 [378 x 327 x 1.9]	16 x 14	4.1
<b>BP1816CS</b>	\$22.50	16.88 x 14.88 x 0.075 [429 x 378 x 1.9]	18 x 16	5.4
<b>BPM2016CS</b>	\$28.50	18.88 x 14.88 x 0.075 [479 x 378 x 1.9]	20 x 16	6.1
<b>BPM2020CS</b>	\$83.00	18.00 x 18.00 x 0.105 [457 x 457 x 2.7]	20 x 20	9.4
<b>BPM2420CS</b>	\$100.00	22.00 x 18.00 x 0.105 [558 x 457 x 2.7]	24 x 20	11
<b>BPM2424CS</b>	\$123.00	22.00 x 22.00 x 0.105 [558 x 558 x 2.7]	24 x 24	22

**Note: Dimensions in inches [millimeters].**

Subpanel Part Number	Price	Subpanel Size HxWxD	Enclosure Nominal Size HxW	Wt. (lb)
<b>BP64FG</b>	\$3.50	4.88 x 2.88 x 0.13 [124 x 73 x 3.2]	6 x 4	0.1
<b>BP66FG</b>	\$4.25	4.88 x 4.88 x 0.13 [124 x 124 x 3.2]	6 x 6	0.2
<b>BP86FG</b>	\$5.50	6.88 x 4.88 x 0.13 [175 x 124 x 3.2]	8 x 6	0.3
<b>BP88FG</b>	\$7.50	6.88 x 6.88 x 0.13 [175 x 175 x 3.2]	8 x 8	0.3
<b>BP108FG</b>	\$8.00	8.88 x 6.88 x 0.13 [225 x 175 x 3.2]	10 x 8	0.5
<b>BP1210FG</b>	\$10.50	10.88 x 8.88 x 0.13 [276 x 225 x 3.2]	12 x 10	0.9
<b>BP1412FG</b>	\$14.50	12.88 x 10.88 x 0.13 [327 x 276 x 3.2]	14 x 12	1.0
<b>BP1614FG</b>	\$18.25	14.88 x 12.88 x 0.13 [378 x 327 x 3.2]	16 x 14	0.8
<b>BP1816FG</b>	\$22.50	16.88 x 14.88 x 0.13 [429 x 378 x 3.2]	18 x 16	2.0
<b>BPM2016FG</b>	\$27.50	18.88 x 14.88 x 0.13 [479 x 378 x 3.2]	20 x 16	2.2
<b>BPM2020FG</b>	\$90.00	18.00 x 18.00 x 0.13 [457 x 457 x 3.2]	20 x 20	2.3
<b>BPM2420FG</b>	\$109.00	22.00 x 18.00 x 0.13 [558 x 457 x 3.2]	24 x 20	2.8
<b>BPM2424FG</b>	\$133.00	22.00 x 22.00 x 0.13 [558 x 558 x 3.2]	24 x 24	3.5

**Note: Dimensions in inches [millimeters].**

Enclosure Shipping Schedule			
Same day	1 - 5 days	1 - 15 days	1 - 20 days

Color indicates shipping lead time in business days.

# Subpanels for Freedom, MachoBox and Centurion Series Fiberglass Enclosures



## Aluminum subpanels

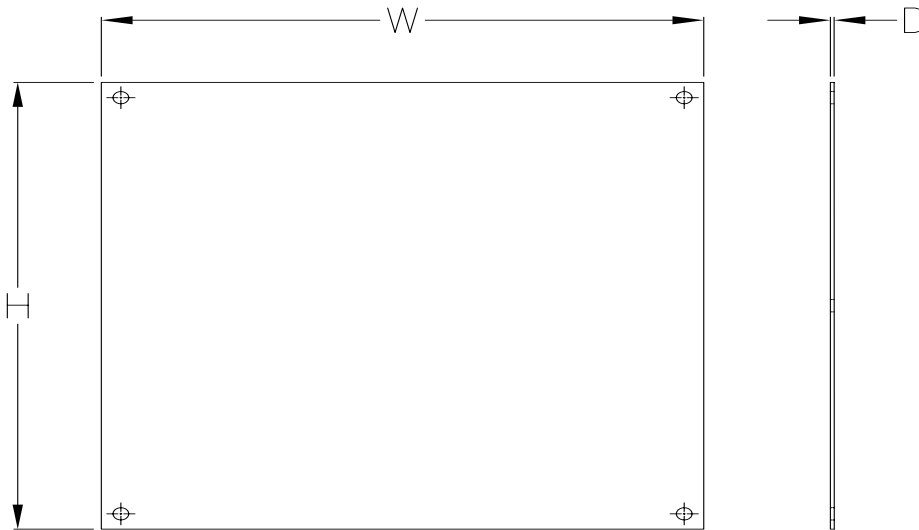
Subpanel Part Number	Price	Subpanel Size HxWxD	Enclosure Nominal Size HxW	Wt. (lb)
<b>BP64A</b>	\$5.00	4.88 x 2.88 x 0.081 [124 x 73 x 2.0]	6 x 4	0.1
<b>BP66A</b>	\$5.00	4.88 x 4.88 x 0.081 [124 x 124 2.0]	6 x 6	0.2
<b>BP86A</b>	\$6.00	6.88 x 4.88 x 0.081 [175 x 124] 2.0]	8 x 6	0.3
<b>BP108A</b>	\$9.25	8.88 x 6.88 x 0.081 [225 x 175 x 2.0]	10 x 8	0.5
<b>BP1210A</b>	\$11.00	10.88 x 8.88 x 0.081 [276 x 225 x 2.0]	12 x 10	0.8
<b>BP1412A</b>	\$13.25	12.88 x 10.88 x 0.081 [327 x 276 x 2.0]	14 x 12	1.1
<b>BP1614A</b>	\$17.25	14.88 x 12.88 x 0.081 [378 x 327 x 2.0]	16 x 14	1.5
<b>BP1816A</b>	\$22.50	16.88 x 14.88 x 0.081 [429 x 378 x 2.0]	18 x 16	2.5
<b>BPM2016A</b>	\$28.50	18.88 x 14.88 x 0.081 [479 x 378 x 2.0]	20 x 16	2.4
<b>BPM2020A</b>	\$79.00	18.0 x 18.0 x 0.129 [457 x 457 x 3.3]	20 x 20	3.7
<b>BPM2420A</b>	\$96.00	22.0 x 18.0 x 0.129 [558 x 457 x 3.3]	24 x 20	4.5
<b>BPM2424A</b>	\$118.00	22.0 x 22.0 x 0.129 [558 x 558 x 3.3]	24 x 24	5.4

*Note: Dimensions in inches [millimeters].*

Enclosure Shipping Schedule			
Same day	1 - 5 days	1 - 15 days	1 - 20 days

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### Dimensions



See our website: [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete engineering drawings.

# Enclosure Accessories - Mounting Feet and Casters

## Mounting Feet for Freedom, Commander, and Centurion Series Enclosures



Mounting Foot Kit	Price	Description	Wt. [oz]
<b>FRMGFTKIT</b>	\$10.75	AttaBox mounting feet kit, fiber-glass-reinforced polyester, for use on Freedom series enclosures. Includes (4) mounting feet and mounting hardware.	1
<b>COMTGFTKIT</b>	\$22.00	AttaBox mounting feet kit, fiber-glass-reinforced polyester, for use on Commander series fiberglass, in-line, pushbutton enclosures. Does not fit C0763, C0963, COxPBW series, and COPCxxx series, COPCxB series, and COPCxB22 series enclosures. Includes (2) mounting feet, mounting hardware and silicone adhesive/sealant.	1
<b>CEMTGFTKIT</b>	\$22.50	AttaBox mounting feet kit, fiber-glass-reinforced polyester, for use on Centurion series enclosures. Includes (4) mounting feet and mounting hardware.	1



Enclosure Shipping Schedule			
Same day	1 - 5 days	1 - 15 days	1 - 20 days

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## Mounting Feet for Ultimate Series Enclosures



Mounting Feet	Price	Description	Wt. [lb]
<b>N412MFK</b>	\$17.25	Hubbell-Wiegmann mounting feet kit, plated finish. For use on NEMA 412 Ultimate series enclosures. Includes (4) mounting feet, mounting hardware and sealing washers.	4
<b>N412MFKSS</b>	\$48.00	Hubbell-Wiegmann mounting feet kit, 304 stainless steel. For use on NEMA 412 Ultimate series enclosures. Includes (4) mounting feet, mounting hardware and sealing washers.	4



## Casters

Casters can be used on any enclosure to provide mobility. Caster kits include mounting plates designed to fit Hubbell-Wiegmann WC10 and WC12 consoles, but can be adapted to fit other enclosures.

Caster Kit	Price	Description	Wt. [lb]	Capacity [lb]
<b>WC10C</b>	\$173.00	Hubbell-Wiegmann caster kit, for WC10 consoles. Includes 4 zinc-plated steel casters (2 swivel, 2 stationary), 2 ANSI 61 gray mounting plates and hardware.	4	200
<b>WC12C</b>	\$173.00	Hubbell-Wiegmann caster kit, for WC12 consoles. Includes 4 zinc-plated steel casters (2 swivel, 2 stationary), 2 ANSI 61 gray mounting plates and hardware.	4	200



WC12C

Enclosure Shipping Schedule				
Same day	1 - 7 days	1 - 10 days	1 - 15 days	1 - 20 days

Color indicates shipping lead time in business days.

# Enclosure Accessories - Hole Seals and Plugs



## Hole Plugs for Non-Metal Enclosures

Designed to seal extra pushbutton holes, conduit openings, and knockout openings in AttaBox fiberglass enclosures from dirt, dust, oil, and water. Conduit hole sizes are nominal trade sizes, not actual hole sizes. (Example: 1 in. conduit actual diameter = 1.315 in.)



Hole Plugs	Price	Description	Nominal Hole Diameter Range in [mm]	Wt. [oz]
<b>REHPSERIES1</b>	\$3.50	AttaBox hole plug, fiberglass-reinforced polyester (FRP), closed-cell neoprene gasket, for 1/2- to 3/4-inch hole in non-metallic enclosure	0.50 - 0.81 [12.7 - 20.6]	2
<b>REHPSERIES1.5</b>	\$4.75	AttaBox hole plug, fiberglass-reinforced polyester (FRP), closed-cell neoprene gasket. For use with 1/2in conduit holes in non-metallic enclosures.	0.88 [22.4]	2
<b>REHPSERIES2</b>	\$4.00	AttaBox hole plug, fiberglass-reinforced polyester (FRP), closed-cell neoprene gasket, for 1/2- to 3/4-inch conduit holes and 22 or 30mm pushbutton holes in non-metallic enclosure	0.88 - 1.28 [22.4 - 32.5]	2
<b>REHPSERIES3</b>	\$6.25	AttaBox hole plug, fiberglass-reinforced polyester (FRP), closed-cell neoprene gasket, for 1 to 1-1/4 inch conduit holes in non-metallic enclosure	1.38 - 1.75 [35.1 - 44.5]	2
<b>REHPSERIES4</b>	\$8.00	AttaBox hole plug, fiberglass-reinforced polyester (FRP), closed-cell neoprene gasket, for 1-1/2 to 2-inch conduit holes in non-metallic enclosure	2.00 - 2.56 [50.1 - 65.0]	2
<b>REHPSERIES5</b>	\$14.75	AttaBox hole plug, fiberglass-reinforced polyester (FRP), closed-cell neoprene gasket. For use with 2-1/2in conduit holes in non-metallic enclosures.	3.00 [76.2]	2
<b>REHPSERIES6</b>	\$19.75	AttaBox hole plug, fiberglass-reinforced polyester (FRP), closed-cell neoprene gasket. For use with 3in conduit holes in non-metallic enclosures.	3.62 [92.0]	2
<b>REHPSERIES7</b>	\$25.50	AttaBox hole plug, fiberglass-reinforced polyester (FRP), closed-cell neoprene gasket. For use with 3-1/2in conduit holes in non-metallic enclosures.	4.12 [104.7]	2
<b>REHPSERIES8</b>	\$33.00	AttaBox hole plug, fiberglass-reinforced polyester (FRP), closed-cell neoprene gasket. For use with 4in conduit holes in non-metallic enclosures.	4.62 [117.4]	2

## Agency Approvals

- Fiberglass hole plug for UL Types 1, 3R, 4, 4X, 6, 6P, 12 Industrial control panel enclosures.  
[UL File E64358]
- CSA Types 1, 12, 3, 3R, 4, 4X, 6, 6P:  
IEC Code IP66, IP67, IP68  
[CSA File LR069014]

Enclosure Shipping Schedule			
Same day	1 - 5 days	1 - 15 days	1 - 20 days
Color indicates shipping lead time in business days.			