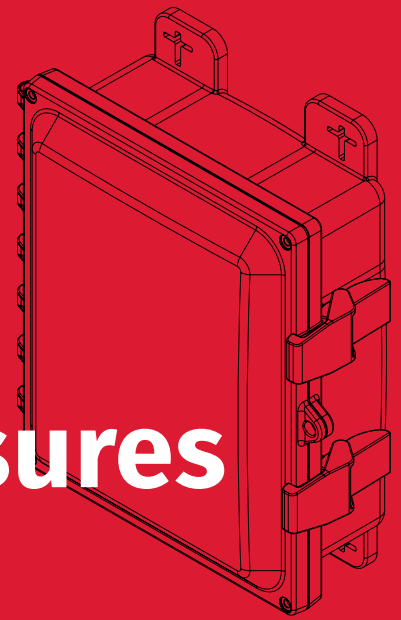


**NEW!**

# Stahlin® PolySlim™ Low-Profile Polycarbonate Enclosures



**ALL THE MOUNTING SPACE, WITHOUT THE ADDED DEPTH!**

Get the most out of your installation space with Stahlin PolySlim! Tough, industrial strength enclosures designed for OEMs and installers with low-profile installation requirements. Ideal for use on building exteriors and in tight spaces, they protect equipment and optimize depth while maintaining a traditional footprint!



## MARKETS AND INDUSTRIES:

- Ideal for non-hazardous industrial and commercial applications where space is a premium.
- Low-profile enclosure optimizes the installation and protection of network components (routers and switches) in harsh conditions.
- Well-suited for electrical control, wireless communications, measurement, monitoring, and security applications with minimal-depth equipment.



## INNOVATION

## VALUE

Innovative, low-profile design, industry standard height/width



Saves space, eliminates unneeded depth, reduces material cost

Robust, smooth side walls



Long dependable product life, maximum fitting mounting space

Aesthetic, low-profile design

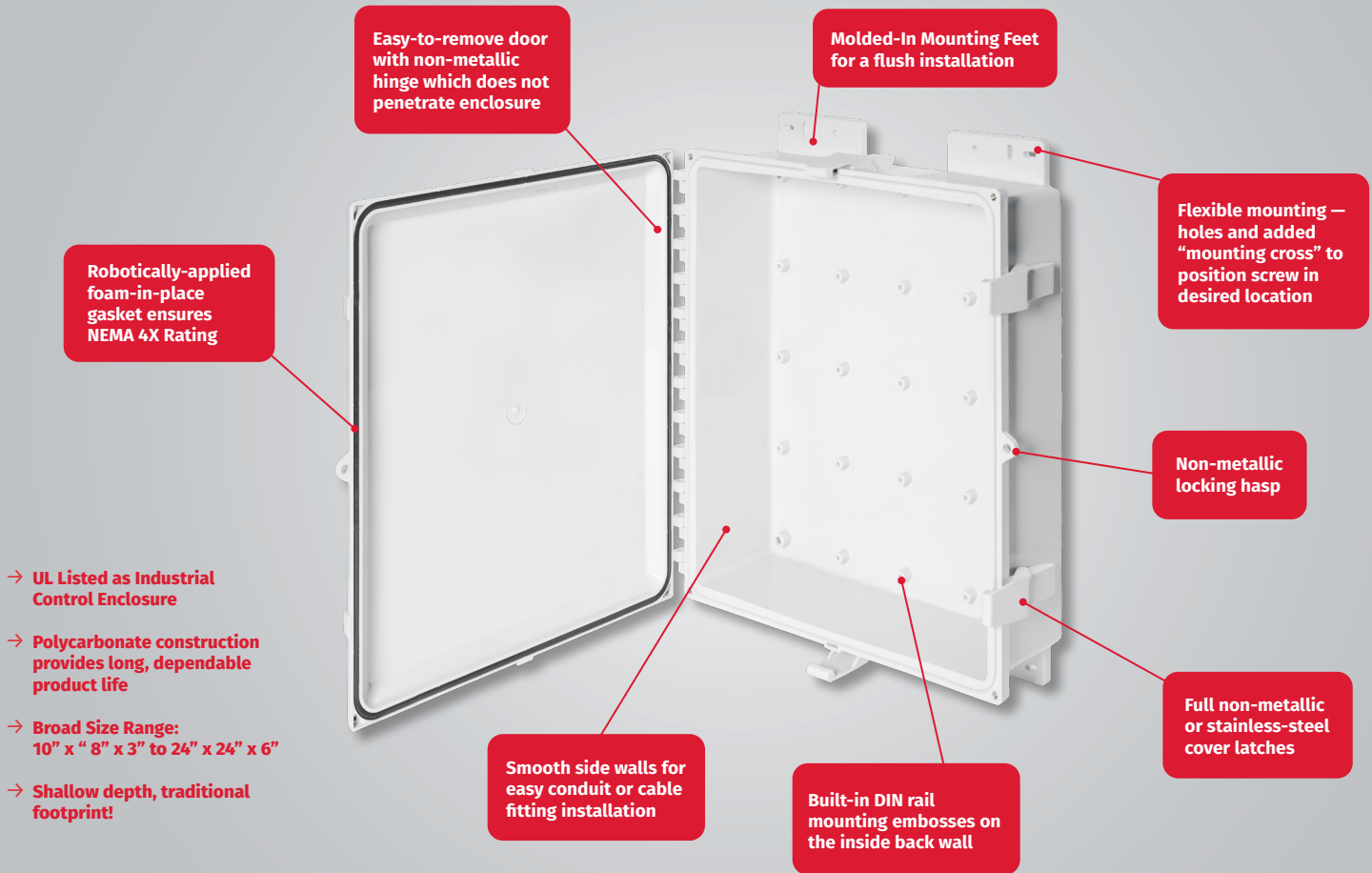


Offers a clean look for brand promotion in areas of high visibility

Installation flexibility, added DIN rail embosses, multiple mounting hole positions



Reduces need for costly on-site modification, back panel material cost



- UL Listed as Industrial Control Enclosure
- Polycarbonate construction provides long, dependable product life
- Broad Size Range: 10" x 8" x 3" to 24" x 24" x 6"
- Shallow depth, traditional footprint!

## INNOVATIVE FEATURES:

- Available in 7 sizes from 10" x 8" x 3" to 24" x 24" x 6"
- One enclosure, one solution - can be configured as hinged/screw cover or hinged/latched cover
- Lightweight, high-Impact rated, UV resistant polycarbonate material construction
- Nonmetallic hinge does not penetrate inside enclosure
- Thick, robust side wall construction eliminates side wall flexing
- Built-in DIN Rail mounting embosses in the back of the enclosure
- ABS Back panel option to optimize wireless signal transmission
- Shallow design is ideal for low profile applications and equipment
- Latch options - fully non-metallic or stainless steel
- Clear or Opaque cover options
- Stainless Steel hardware included
- Larger sizes are compatible with Stahlin SolarShield HMI Cover

## RATINGS AND LISTINGS:

- Operating Temperature Rating: -40°F to +248°F (-40°C to +120°C)
- Outdoor UV Exposure (UL 746C) (f1) Rated (resin has passed tests for UV exposure and water immersion)
- cULus listed per file #E319779 Type 1, 3R, 4, 4X, 6P\*, 12
- UL50, UL50e, UL508A
- Certifications and Compliance: cULus, CE, REACH, and RoHS
- IEC 60529: UL Listed per file #E362920 IP66, IP68\*

\*Restrictions apply. Consult factory for more information.

## MATERIALS:

- **Enclosure:** Polycarbonate with UV inhibitors
- **Latches:** available in either Polycarbonate or Stainless Steel
- **Hardware:** Stainless Steel

*Back panels available in ABS material to optimize wireless signal transmission*



**Optional ABS back panel**



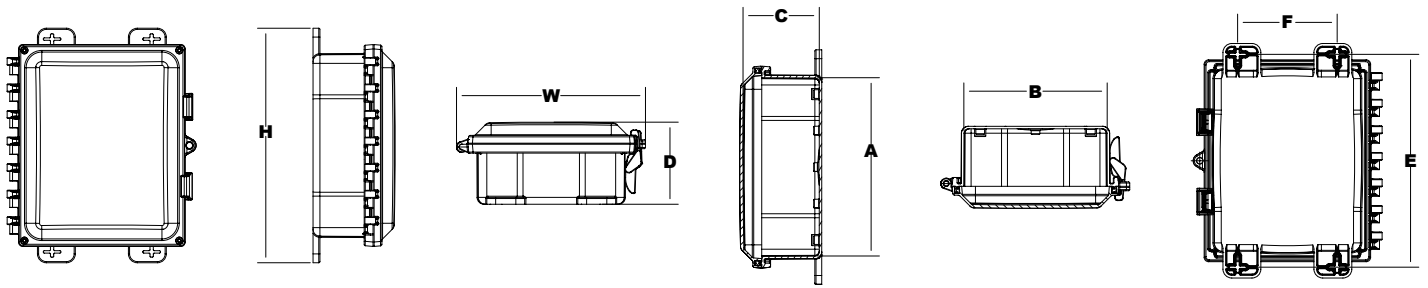
## CATALOG NUMBERS AND DIMENSIONS:

All dimensions listed in inches.

### PolySlim Low-Profile Polycarbonate Enclosures

ENCLOSURE SIZE	OPAQUE COVER CATALOG #	CLEAR COVER CATALOG #	OPAQUE COVER WITH STAINLESS STEEL LATCHES CATALOG #	CLEAR COVER WITH STAINLESS STEEL LATCHES CATALOG #	BACK PANEL CATALOG #
10 x 8 x 3	PC100803	PC100803CC	PC100803SS	PC100803CCSS	BP108*
12 x 10 x 4	PC121004	PC121004CC	PC121004SS	PC121004CCSS	BP1210*
14 x 12 x 4	PC141204	PC141204CC	PC141204SS	PC141204CCSS	BP1412*
16 x 14 x 4	PC161404	PC161404CC	PC161404SS	PC161404CCSS	BP1614*
18 x 16 x 4	PC181604	PC181604CC	PC181604SS	PC181604CCSS	BP1816*
20 x 16 x 4	PC201604	PC201604CC	PC201604SS	PC201604CCSS	BPJ2016*
24 x 24 x 6	PC242406	PC242406CC	PC242406SS	PC242406CCSS	BP2424PC*

\*Add suffix for material desired: AL = aluminum, CS = carbon steel, ABS = ABS material



### In-Depth Dimensions

ENCLOSURE SIZE	OVERALL H x W x D	INSIDE A x B x C	MOUNTING FEET E x F
10 x 8 x 3	13.25 x 10.68 x 4.64	10.07 x 8.10 x 4.31	12.03 x 5.63
12 x 10 x 4	15.25 x 12.68 x 5.38	12.09 x 10.09 x 5.05	14.03 x 7.63
14 x 12 x 4	16.88 x 14.68 x 5.39	14.09 x 12.06 x 5.20	16.03 x 9.63
16 x 14 x 4	19.25 x 16.68 x 5.35	16.15 x 14.15 x 5.07	18.03 x 11.63 / 18.03 x 8*
18 x 16 x 4	21.75 x 18.68 x 5.41	18.15 x 16.15 x 5.08	20.50 x 13.50 / 20.50 x 7.84*
20 x 16 x 4	23.25 x 18.68 x 5.47	20.09 x 16.12 x 5.14	22.03 x 13.63 / 22.03 x 10*
24 x 24 x 6	26.73 x 26.68 x 7.41	24.13 x 24.14 x 7.08	25.73 x 18

\*Second set of dimensions indicates inside mounting position



500 Maple Street  
Belding, MI 48809

o: 616.794.0700  
e: CSR@robroyenclosures.com

[stahlin.com](http://stahlin.com)

**MADE IN THE USA**

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FINAL V1—08/26/2023