## **ACCESSORIES GUIDE**





# **Robroy Enclosure Accessories**

**Robroy Enclosures**<sup>™</sup> offers the largest selection of non-metallic enclosures in North America through its multiple brands. However, the ability to customize into unique enduser configurations may be the single most compelling reason to buy Robroy Enclosure products. **Robroy Enclosures Accessories** are offered for the enhancement of your enclosure: from our patented Pluggit!<sup>®</sup> to our new thermal and lighting accessories.

Engineered modifications may become complex and are end-user specific; but these accessories can be added at any time: from the immediate enclosure purchase to an addition later as a separately priced item.

Part numbers and their specifications are shown in this literature; it will make your usage simpler whether you choose to order **Robroy Enclosure Accessories** as add-ons, or on their own.

#### Breather Vent – UL Recognized 4X

Robroy Enclosures' non-metallic Breather Vent allows an enclosure to "breathe" — allowing the free passage of air while maintaining UL Type 4X enclosure integrity as a recognized component.



CATALOG NUMBER

**REBV4XKIT** 

CATALOG NUMBER

**REDV4XKIT** 

#### Drain Vent – UL Recognized 4X

Robroy Enclosures' non-metallic Drain Vent reliably protects electrical equipment housed inside an enclosure by properly draining unwanted moisture or accumulated water from within, while maintaining UL Type 4X enclosure integrity as a recognized component.



#### **Louver Plate Vent**

Robroy Enclosures' polypropylene Louver Plate Vent offers ventilation with a thin profile. Offered as a lone plate, or a full installation kit.



#### Vent



#### Drain & Vent



Robroy Enclosures' PVC Drain & Vent is a versatile vent, with easy installation. Available as an individual part, or kit.





CATALOG NUMBER

RELP1

Note: Kit includes REDV1PVC and silicone pack

#### **Condensation Plug**



Robroy Enclosures' condensation plug is a 4X rated small footprint way of venting your enclosure.

```
CATALOG NUMBER
```

## **THERMAL ACCESSORIES**

| PI                       | PERFORMANCE OVERVIEW TABLE OF THERMAL ACCESSORIES |       |       |       |        |      |      |      |                 |
|--------------------------|---|-------|-------|-------|--------|------|------|------|-----------------|
|                          |   | 230 V | 120 V | 400 V | 460 V  | 24 V | 12 V | 48 V |                 |
| Filter and Filter Fans   | Max. Air Volume Flow                              |       |       | Rat   | ed Vol | tage |      |      |                 |
| REEF 4000 / REFF4000E    | Outlet filters                                    |       |       |       |        |      |      |      | CE, RoHS, cURus |
| REFFS4023A*              | 15 cfm  | •     | •     |       |        |      |      |      | CE, RoHS, cURus |
| REFFS4210A*              | 50 cfm  | •     | •     |       |        |      | •    |      | CE, RoHS, cURus |
| REFFS4411A*              | 77 cfm  | •     | •     |       |        |      |      |      | CE, RoHS, cURus |
| REFFS4620A*              | 159 cfm   | •     | •     |       |        |      |      |      | CE, RoHS, cURus |
| REFFS4830A*              | 340cfm  | •     | •     |       |        |      |      |      | CE, RoHS, cURus |
| REFFH4883A*              | 447 cfm   | •     | •     | •     | •      |      |      |      | CE, RoHS, cURus |
| Enclosure Heaters        | Heating Power                                     |       |       |       |        |      |      |      | Approvals       |
| REH501025                | 25 W  | •     | •     |       |        |      |      |      | CE, RoHS, cURus |
| REH501050                | 50 W  | •     | •     |       |        |      |      |      | CE, RoHS, cURus |
| REH501075                | 75 W  | •     | •     |       |        |      |      |      | CE, RoHS, cURus |
| REH501100                | 100 W   | ٠     | •     |       |        |      |      |      | CE, RoHS, cURus |
| REHT125A*                | 125 W   | •     | •     |       |        |      |      |      | CE, RoHS, cURus |
| REH501150                | 150 W   | •     | •     |       |        |      |      |      | CE, RoHS, cURus |
| REHT1200A*               | 200 W   | •     | •     |       |        |      |      |      | CE, RoHS, cURus |
| REHT400A*                | 400 W   | •     | •     |       |        |      |      |      | CE, RoHS, cURus |
| REHT800A*                | 800 W   | •     | •     |       |        |      |      |      | CE, RoHS, cURus |
| Thermostats / Hygrostats | Description                                       |       |       |       |        |      |      |      |                 |
| RETC3011* / RETF3011*    | Variable temperature thermostat                   | ٠     | •     |       |        |      | •    |      | CE, RoHS, cURus |
| RETTC3012* / RETTF3012*  | Variable twin thermostat                          | •     | •     |       |        |      | •    |      | CE, RoHS, cURus |
| REMCH301410              | Mechanical changeover hygrostat                   | ٠     | •     |       |        |      |      |      | CE, RoHS, cURus |

\* Denotes multiple part numbers in listed size

# Filter fans are used if the desired cabinet temperature can be constantly above the ambient air temperature.

In combination with thermostats from Robroy Enclosures you can save on energy since the fan is only on when actually needed, on material because less consumption of filter mats and on time since less cleaning is required. All this will ensure a longer life time of the filter fans and will enhance your process reliability and safety.

#### Special features of our filter fans are:

- no tools required for installation
- installed on thicknesses ranging from 1/8" to 1/4"
- shielded and self-lubricating ball bearing fans
- permanent sealing gasket in polyurethane foam
- filter media can be cleaned, up to 10 times by washing, blowing dry and lightly beating

#### How to use filter fans correctly?

Preferably use the filter fan to blow the cool ambient air into enclosure (Fig.2.and Fig.3). This ensures that a slight positive pressure builds up inside the cabinet and that only filtered air flows inside it. The air blown into the cabinet displaces the warm air which exits through the exhaust filter. If air is drawn out of the cabinet by suction power (Fig.1) only filtered ambient air should enter the cabinet. Ensure that no unfiltered air can enter through poor seals or cable entries.

If you install a combination of filter fan/exhaust filter, the filter fan should always be placed in the lower third of the cabinet and the exhaust filter should be in the upper part of the cabinet to prevent heat pockets inside.



#### **Rapid installation**

Mounting without screws, just by simply pressing it onto the enclosure cutout.



**Slide opening** Cover fixed to and released from base via sliding catches. \* Gray color for pictorial, actual color will be black

#### **Exhaust Filter Series**





| UL listed Type 12 |  |
|-------------------|--|
|-------------------|--|

| ORDER NUMBER | FILTERING CLASS EN 779 | OPERATING<br>TEMPERATURE RANGE | DIMENSIONS<br>(H X W X D) INCH | CUT OUT<br>DIMENSIONS (INCH) | NEMA    |
|--------------|------------------------|--------------------------------|--------------------------------|------------------------------|---------|
| REEF00003    | G3                     | 14°F - 131°F                   | 4.2 x 4.2 x 0.9                | 3.6 x 3.6 (+0.02)            | Type 12 |
| REEF10003    | G3                     | 14°F - 131°F                   | 5.9 x 5.9 x 1.2                | 4.9 x 4.9 (+0.06)            | Type 12 |
| REEF20003    | G3                     | 14°F - 131°F                   | 8.0 x 8.0 x 1.16               | 7.0 x 7.0 (+0.06)            | Type 12 |
| REEF30003    | G3                     | 14°F - 131°F                   | 9.8 x 9.8 x 1.3                | 8.8 x 8.8 (+0.06)            | Type 12 |
| REEF40003    | G3                     | 14°F - 131°F                   | 12.8 x 12.8 x 1.3              | 11.5 x 11.5 (+0.06)          | Type 12 |









#### **Filter Fan Series**





\* Gray color for pictorial, actual color will be black



| ORDER NUMBER | MAX. AIRFLOW<br>(60 HZ) | VOLTAGE / FREQUENCY  | TEMPERATURE RANGE | DIMENSIONS<br>HXWXD (INCH) | CUT OUT<br>DIMENSIONS (INCH) | NEMA        | COLOR               |
|--------------|-------------------------|----------------------|-------------------|----------------------------|------------------------------|-------------|---------------------|
| REFFS4023A3  | 15 C                    | 120 V ~ 60 Hz        | 1/05 10105        |                            |                              | <b>T</b> 10 | RAL 9005            |
| REFFS4023A4  | 15 cfm                  | 230 V ~ 50/60 Hz     | 14°F - 131°F      | 4.2 x 4.2 x 3.1            | 3.6 x 3.6 (+0.06)            | Type 12     | (Black)             |
| REFFS4210A3  |                         | 120 V ~ 60 Hz        |                   | 5.9 x 5.9 x 2.9            |                              | Туре 12     | RAL 9005            |
| REFFS4210A4  | 47 cfm                  | 230 V ~ 50/60 Hz     | 14°F - 131°F      |                            | 4.88 x 4.88 (+0.06)          |             | (Black)             |
| REFFS4411A3  |                         | 120 V ~ 60 Hz        |                   |                            |                              | _           | RAL 9005            |
| REFFS4411A4  | 77 cfm                  | 230 V ~ 50/60 Hz     | 14°F - 131°F      | 8.0 x 8.0 x 3.8            | 7.0 x 7.0 (+0.06)            | Type 12     | (Black)             |
| REFFS4620A3  |                         | 120V~ 60 Hz          |                   |                            | 8.8 x 8.8 (+0.06)            | Туре 12     | RAL 9005            |
| REFFS4620A4  | 150 cfm                 | 230 V ~ 50/60Hz      | 14°F - 131°F      | 9.8 x 9.8 x 4.9            |                              |             | (Black)             |
| REFFS4830A3  |                         | 120 V ~ 60 Hz        |                   |                            |                              | Type 12     | RAL 9005            |
| REFFS4830A4  | 340 cfm                 | 230 V ~ 50/60 Hz     | 14°F - 131°F      | 12.8 x 12.8 x 6.3          | 11.5 x 11.5 (+0.06)          |             | (Black)             |
| REFFH4883A3  |                         | 120 V ~ 60 Hz        |                   |                            |                              |             |                     |
| REFFH4883A4  | 447 cfm                 | 230 V ~ 50/60 Hz     | 14°F - 131°F      | 12.8 x 12.8 x 6.3          | 11.5 x 11.5 (+0.06)          | Type 12     | RAL 9005<br>(Black) |
| REFFH4883A9  |                         | 400/460 V ~ 50/60 Hz |                   |                            |                              |             |                     |

#### **Spare Filter Mats**



- Made of thermo-linked progressive structure synthetic fiber.
- Filter class G3, according to EN 779. Other filter classes like G4 available on request.
- UL 900 Class 2 approved and self-٠ extinguishing in F1 class, according to DIN 53 438.
- Filter media can be cleaned, up to 10 times by washing, blowing dry and lightly beating.

| PART NUMBER | EXHAUST FILTER / FILTER FAN |
|-------------|-----------------------------|
| REFM00100   | REEF00003 / REFFS40xx       |
| REFM10100   | REFF10003 / REFFS42xx       |
| REFM20100   | REEF20003 / REFFS44xx       |
| REFM30100   | REEF30003 / REFFS46xx       |
| REFM40100   | FEEF40003 / REFFx48xx       |

### Enclosure heaters are an important segment of the Robroy Enclosures cabinet accessories program and form part of our thermal management solutions.

Temperature differences in enclosures, mostly in outdoor applications, often result in humidity and condensation which may cause function failures and corrosion. The use of the appropriate heating unit for your cabinet will eliminate these problems.

PTC fan heaters have a small and compact design, they heat up dynamically and are very quiet in operation. The internal warm air is equally distributed throughout the enclosure. PTC heaters have a wide voltage range and the heating power adjusts to the ambient temperature, resulting in better efficiency.

Resistor heaters have a much lower starting current compared to PTC heaters.



#### **Fan Heater Series**





Robroy Enclosures' cabinet heaters are a great way to combat the environment from the inside out. Temperature differences between the inside, and outside of your enclosure can result in humidity and condensation; such moisture can create failures and corrosion to the components within the enclosure.

- Built-in adjustable thermostat with indicator light
- Auto or fan on switch



| ORDER NUMBER | POWER OUTPUT<br>@ 50°F | FAN AIR FLOW | VOLTAGE / FREQUENCY | OPERATING TEMP. RANGE | DIMENSIONS<br>(H X W X D) INCH |
|--------------|------------------------|--------------|---------------------|-----------------------|--------------------------------|
| REHT125A33   | 125 W                  | 16 cfm       | 120 V - 50/60 Hz    | -4°F - 104°F          | 5.39 x 4.09 x 4.61             |
| REHT125A44   | 125 W                  | 16 cfm       | 230 V - 50/60 Hz    | -4° F - 104° F        | 5.39 x 4.09 x 4.61             |
| REHT1200A33  | 200 W                  | 16 cfm       | 120 V - 50/60 Hz    | -4°F - 104°F          | 5.39 x 4.09 x 4.61             |
| REHT1200A44  | 200 W                  | 16 cfm       | 230 V - 50/60 Hz    | -4°F - 104°F          | 5.39 x 4.09 x 4.61             |
| REHT400A33   | 400 W                  | 26 cfm       | 120 V - 50/60 Hz    | -4°F - 104°F          | 7.48 x 4.09 x 4.61             |
| REHT400A44   | 400 W                  | 26 cfm       | 230 V - 50/60 Hz    | -4°F - 104°F          | 7.48 x 4.09 x 4.61             |
| REHT800A33   | 800 W                  | 26 cfm       | 120 V - 50/60 Hz    | -4°F - 104°F          | 7.48 x 4.09 x 4.61             |
| REHT800A44   | 800 W                  | 26 cfm       | 230 V - 50/60 Hz    | -4° F - 104° F        | 7.48 x 4.09 x 4.61             |

#### **PTC heater series**



This PTC heater is compact, highly efficient, and safe to touch. 2 screw terminal block for stranded or rigid wire 2.5mm



| ORDER NUMBER | CONNECTION   | POWER OUTPUT<br>@ 68°F | VOLTAGE / FREQUENCY             | OPERATING TEMP. RANGE | DIMENSIONS<br>(H X W X D) INCH |
|--------------|--|------------------------|---------------------------------|-----------------------|--------------------------------|
| REH501025    | 2 screw terminal block<br>for standard or rigid wire<br>AWG 14 | 25 W                   | 100 - 240 V AC / DC<br>50/60 Hz | -49°F - 158°F         | 4.92 x 1.61 x 1.61             |
| REH501050    | 2 screw terminal block<br>for standard or rigid wire<br>AWG 14 | 50 W                   | 100 - 240 V AC / DC<br>50/60 Hz | -49°F - 158°F         | 4.92 x 1.61 x 1.61             |
| REH501075    | 2 screw terminal block<br>for standard or rigid wire<br>AWG 14 | 75 W                   | 100 - 240 V AC / DC<br>50/60 Hz | -49°F - 158°F         | 5.51 x 2.76 x 2.48             |
| REH501100    | 2 screw terminal block<br>for standard or rigid wire<br>AWG 14 | 100 W                  | 100 - 240 V AC / DC<br>50/60 Hz | -49°F - 158°F         | 5.51 x 2.76 x 2.48             |
| REH501150    | 2 screw terminal block<br>for standard or rigid wire<br>AWG 14 | 150 W                  | 100 - 240 V AC / DC<br>50/60 Hz | -49°F - 158°F         | 8.86 x 2.76 x 2.48             |



10 ROBROY ENCLOSURES™ | RobroyEnclosures.com | 500 Maple Street, Belding, MI 48809 | P 616.794.0700

#### **Variable Temp Thermostat**



Adjustable Thermostat for temperature regulation. Available for both heating and cooling, and in Celsius and Fahrenheit.



| ORDER NUMBER | DESCRIPTION                        | SETTING RANGE                             | MAX. SWITCHING CAPACITY                             | TEMPERATURE RANGE /<br>HUMIDITY   | DIMENSIONS<br>(H X W X D) INCH |
|--------------|------------------------------------|---|---|-----------------------------------|--------------------------------|
| RETC301110   | Adjustable thermostat,             | -10°C - 80°C                              |   |                                   |                                |
| RETF301111   | NC<br>Adjustable thermostat.       | NC 14° F - 176° F                         |   |                                   | 2.26 - 4.54 - 4.52             |
| RETC301120   |                                    | -10°C - 80°C 250 V AC / 16 A (p.f. 0.95), | -49°F - 248°F, 98%                                  | 2.36 x 1.54 x 1.53                |                                |
| RETF301121   | NO                                 | 14° F - 176° F                            | 10 A (p.f. 0.75) - 50/60 Hz,<br>72 V DC / max. 30 W | (-45°C - +120°C)                  |                                |
| RETTC301230  | Adjustable twin ther-              | -10°C - 80°C                              |   |                                   | 1 26 y 1 95 y 1 67             |
| RETTF301231  | mostat,<br>RETTF301231 NCNO        | 14° F - 176° F                            |   |                                   | 2.36 x 2.85 x 1.67             |
| REMCH301410  | Mechanical changeover<br>hygrostat | 40 - 90%                                  | 230 V AC<br>2 A hum / 5 A dehum                     | 0°C - 60°C<br>(32°F - 140°F), 95% | 2.36 x 1.54 x 1.67             |

#### **Mechanical Changeover Hygrostat**



Adjustable Hygrostat for humidity regulation

| CATALOG NUMBER | DIMENSIONS (INCHES) | PERFORMANCE                   |
|----------------|---------------------|-------------------------------|
| REMCH301410    | 2.36 x 1.54 x 1.67  | max 230V AC, 2A hum, 5A dehum |

## **ENCLOSURE LIGHTING**

#### **LED Enclosure Light**



| CATALOG NUMBER                  | DESCRIPTION                            |          |  |
|---------------------------------|--|----------|--|
| REML400000                      | Motion sensor, Wiela                   | nd       |  |
| RESL400100                      | ON/OFF switch, Wiela                   | nd       |  |
| PERFOR                          | MANCE DATA                             |          |  |
| Power consumption               | 4 Watt                                 |          |  |
| Light output (Luminosity)       | 400 Lm                                 |          |  |
| Light color / temperature       | Cool white / 6,500k                    | (        |  |
| Lamp type                       | Lamp type LED, 120° angle              |          |  |
| Life time (@ 68°F) 40,000 hrs.  |  |          |  |
| Operating temp. range           | Operating temp. range -22° F - 158° F  |          |  |
| Switch off time (motion sensor) | Switch off time (motion sensor) 5 min. |          |  |
| DIM                             | ENSIONS                                |          |  |
| Dimensions (L x W x H)          | 14.07 x 1.26 x 1.40 (1.23)             | inch     |  |
| Material housing                | PC clear (Top), PC ABS blue            | e (Base) |  |
| Weight                          | 0.30 lbs.                              |          |  |
| ELECT                           | RICAL DATA                             |          |  |
| Voltage / Frequency             | 24 - 265 V AC / DC 50/60 Hz            | 12 V DC  |  |
| Protection class                | II (double insulated)                  |          |  |
| IP protection to IEC 60 529     | IP 20                                  |          |  |
| Mounting                        | Magnetic strips, clip                  | S        |  |
| Certification                   | CE, cURus                              |          |  |
|                                 |  |          |  |

#### 'Lights off, LED on'

The new LED light fixture is the economical and space saving solution for cabinet and enclosure lighting. The state of the art LED technology ensures a long and maintenance free life cycle.

#### The main features are:

- Combined AC & DC voltage range allows the universal use with a single model
- Motion sensor or ON/OFF switch available
- Various fitting options for more flexibility
- Daisy chain cables allow to connect up to 16 lights with AC and up to 8 lights with DC voltage
- Wieland or push fit connector for fast and easy installation

#### **Mounting Accessories**





#### **Connectors & Cables**





Wieland male connector

| CATALOG NUMBER | DESCRIPTION  | MOUNTING         | APPROVALS |
|----------------|--|------------------|-----------|
| REWCF400702    | Wieland female connector for cables Ø 0.2 - 0.3 inch, AWG 18-22    | Screw connection | CE, cURus |
| REWCM400703    | Wieland male connector for cables $\phi$ 0.2 - 0.3 inch, AWG 18-22 | Screw connection | CE, cURus |





| CATALOG NUMBER | DESCRIPTION  | COLOR | MOUNTING        | APPROVALS  |
|----------------|--|-------|-----------------|------------|
| RELC400711     | Power cable 2 x AWG18, halogen free with Wieland female connector 118 inch       | white | Plug connection | CE, cURus* |
| REDC400721     | Daisy chain cable 2 x AWG18, halogen free,<br>with Wieland male / female 20 inch | white | Plug connection | CE, cURus* |

\*applies only to individual components, connector and cable

#### **Door End Limit Switch**



| CATALOG NUMBER | DESCRIPTION  | COLOR | MOUNTING        | APPROVALS |
|----------------|--|-------|-----------------|-----------|
| REDSP310000    | Door end limit switch, 2 x M4 screws,<br>mounting bracket, 2.87 x 1.19 x 1.18 inch | black | screw terminals | CE, cURus |



Ø 0.24 - 0.30 in Ø AWG 20



Wieland connector



## **ENTRY ACCESSORIES**

#### **Nylon Cord Grip Fittings**

Robroy Enclosures' Nylon cord grips are durable and easy to install. The body and sealing nut are manufactured with a tough, impact resistant nylon. Together the nut and washer form a positive sealing grip when installed through an enclosure wall. The oil resistant neoprene grommet and nylon washer fit tightly around an entrance cord, sealing out moisture, dust and foreign materials.

#### NEMA STD FBI-1983

- UL STD 514 File No. E53599 Type 4
- CSA STD 22.2 No. 18 File No. 28985 Type 4
- HAZ LOC NEC 501-4(b), 502-4(a)(2), 503-3(a)
- Class I, Div 2, Class II Div 1 and 2; Class III Div 1 and 2



#### **Cable Glands**

Robroy Enclosures' Nylon Cable Glands are used to seal around cables to keep out liquids, and debris.

| CATALOG<br>NUMBER                  | DESCRIPTION                |
|------------------------------------|----------------------------|
| RENPT 3/8                          | 3/8" Nylon NPT cable gland |
| RENPT 1/2                          | 1/2" Nylon NPT cable gland |
| RENPT 3/4 3/4" Nylon NPT cable gla |                            |
| RENPT 1                            | 1" Nylon NPT cable gland   |

| CATALOG<br>NUMBER | HUB<br>DIAMETER | CABLE<br>DIAMETER<br>RANGE | INSIDE<br>BODY<br>DIAMETER |
|-------------------|-----------------|----------------------------|----------------------------|
| RE5122            | 1/2"            | .250312                    | .625                       |
| RE5123            | 1/2"            | .312375                    | .625                       |
| RE5124            | 1/2"            | .375438                    | .625                       |
| RE5125            | 1/2"            | .438500                    | .625                       |
| RE5126*           | 1/2"            | .500562                    | .625                       |
| RE5146            | 3/4"            | .562625                    | .788                       |

\*Cable jacket may have to be stripped for clearance.

|      | NOMINAL O.D.                            |                                 |                                 |                                 |  |
|------|---|---------------------------------|---------------------------------|---------------------------------|--|
| SIZE | ТҮРЕ                                    | 2 COND                          | 3 COND                          | 4 COND                          |  |
| 18   | SV-SVT<br>SJ-SJO<br>S-SO<br>SJTO<br>STO | .24<br>.31<br>.39<br>.30<br>.38 | .25<br>.34<br>.41<br>.33<br>.39 | .26<br>.36<br>.44<br>.36<br>.42 |  |
| 16   | SJ-SJO<br>S-SO<br>SJTO<br>STO           | .33<br>.41<br>.32<br>.39        | .36<br>.43<br>.35<br>.42        | .39<br>.49<br>.39<br>.47        |  |
| 14   | SJO<br>S-SO<br>STO<br>BDC               | .43<br>.53<br>.52               | .47<br>.56<br>.55               | .61<br>.59<br>.40               |  |
| 12   | S-SO<br>STO<br>BDC                      | .61<br>.59                      | .64<br>.63                      | .67<br>.67<br>.45               |  |
| 10   | S-SO<br>STO<br>BDC                      | .64<br>.64                      | .69<br>.68                      | .75<br>.74<br>.50               |  |
| 8    | S-SO<br>STO<br>BDC                      | .79<br>.81                      | .90<br>.85                      | .97<br>.96<br>.68               |  |
| 6    | S-SO<br>STO<br>BDC                      | .91<br>.95                      | .99<br>1.00                     | 1.07<br>.80                     |  |
| 4    | S-SO<br>STO<br>BDC                      | 1.09<br>1.10                    | 1.15<br>1.15                    | 1.29<br>1.30<br>.94             |  |
| 2    | STO<br>BDC                              | 1.29                            | 1.34                            | 1.08                            |  |

Dimensional data is taken from various cable manufacturers. It is not guaranteed but usable for general purposes.

#### PVC Coated Hubs for use with PVC Coated Rigid Conduit



For connections using rigid PVC coated conduit, Plasti-Bond Red hubs are available in four standard sizes.

| CATALOG NUMBER | SIZE   |
|----------------|--------|
| RESTPRSTG2     | 3/4"   |
| RESTPRSTG3     | 1"     |
| RESTPRSTG4     | 1 1/4" |
| RESTPRSTG5     | 1 1/2" |

# Plugglt!"

- Superior corrosion resistance compared to rust-prone carbon steel and other metallic alternatives helps ensure increased enclosure life expectancy.
- Cost effective when compared to either carbon or stainless steel alternatives.
- Considerably better long-term resistance to UV degradation versus UV-susceptible soft rubber plugs that turn brittle from extreme temperature variations and repeated UV exposure.
- Will not create galvanic corrosion associated with dissimilar metals sometimes used in electrical enclosures.

- Maintains all chemical resistance features of current Robroy Enclosures products.
- Flame retardant material to UL 94V-0.
- A submersion/hosedown rated component for use in electrical enclosures UL recognized to type 4X and 6P.
- IEC tested to IP66 and IP68.
- Temperature Rating: -26°F to +257°F (-32°C to +125°C)
- Patented design since 2017



#### **PLUGGIT!®**

| KIT<br>NUMBER | ØA                | B<br>+0.05"<br>-0.00" | с                | D<br>ACROSS<br>FLATS | ØG                | CONFIG.    | ØE REF NOM.<br>HOLE DIA. RANGE   | ØF               | COMMON INDUSTRY<br>APPLICATIONS |        |        |        |        |        |        |        |        |  |  |         |                |         |          |                                  |                  |                |
|---------------|-------------------|-----------------------|------------------|----------------------|-------------------|------------|----------------------------------|------------------|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|---------|----------------|---------|----------|----------------------------------|------------------|----------------|
|               |                   |                       |                  |                      |                   | CONFIG 1   | 0.50" - 0.56"<br>(12.70 - 14.29) | N/A              | 1/2" Dia. Hole                  |        |        |        |        |        |        |        |        |  |  |         |                |         |          |                                  |                  |                |
| REHPSERIES1   | 1.00"<br>(25.40)  | 0.22"<br>(5.59)       | 0.35"<br>(8.89)  | 0.88"<br>(22.35)     | 0.44"<br>(11.18)  | CONFIG 2   | 0.63" - 0.69"<br>(16.00 - 17.46) | 0.56"<br>(14.22) | 5/8" Dia. Hole                  |        |        |        |        |        |        |        |        |  |  |         |                |         |          |                                  |                  |                |
|               |                   |                       |                  |                      |                   | CONFIG 3   | 0.75" - 0.81"<br>(19.05 - 20.64) | 0.68"<br>(17.27) | 3/4" Dia. Hole                  |        |        |        |        |        |        |        |        |  |  |         |                |         |          |                                  |                  |                |
| REHPSERIES1.5 | 1.20"<br>(30.48)  | 0.22"<br>(5.59)       | 0.33"<br>(8.38)  | 1.04"<br>(26.39)     | 0.81"<br>(20.57)  | CONFIG 3.5 | 0.88"<br>(22.35)                 | N/A              | 1/2" Conduit                    |        |        |        |        |        |        |        |        |  |  |         |                |         |          |                                  |                  |                |
|               |                   |                       |                  |                      |                   | CONFIG 4   | 0.88" - 1.00"<br>(22.35 - 25.40) | N/A              | 1/2" Conduit<br>22mm PB         |        |        |        |        |        |        |        |        |  |  |         |                |         |          |                                  |                  |                |
| REHPSERIES2   | 1.50"<br>(38.10)  | 0.22"<br>(5.59)       |                  | 1.38"<br>(35.05)     |                   | CONFIG 5   | 1.06" - 1.12"<br>(26.92 - 28.45) | 1.03"<br>(26.16) | 3/4" Conduit                    |        |        |        |        |        |        |        |        |  |  |         |                |         |          |                                  |                  |                |
|               |                   |                       |                  |                      |                   | CONFIG 6   | 1.22" - 1.28"<br>(30.73 - 32.51) | 1.19"<br>(30.22) | 30mm PB                         |        |        |        |        |        |        |        |        |  |  |         |                |         |          |                                  |                  |                |
| REHPSERIES3   | 2.00"             | 0.22"                 | 0.38"            | 1.88"                | 1.35"             | CONFIG 7   | 1.38" - 1.50"<br>(35.05 - 38.10) | N/A              | 1" Conduit                      |        |        |        |        |        |        |        |        |  |  |         |                |         |          |                                  |                  |                |
| KENPSERIESS   | (50.80)           | (5.59)                | (9.63) (47.75)   | (9.63) (47.75)       | (9.63)            | (9.63)     | (9.63)                           | (9.63)           | (9.63)                          | (9.63) | (9.63) | (9.63) | (9.63) | (9.63) | (9.63) | (9.63) | (9.63) |  |  | (47.75) | (9.63) (47.75) | (34.29) | CONFIG 8 | 1.69" - 1.75"<br>(42.67 - 44.45) | 1.65"<br>(41.91) | 1-1/4" Conduit |
|               | 2.75"             | 0.22"                 | 0.41"            | 2.63"                | 1.97"             | CONFIG 9   | 2.00" - 2.12"<br>(50.80 - 53.85) | N/A              | 1-1/2" Conduit                  |        |        |        |        |        |        |        |        |  |  |         |                |         |          |                                  |                  |                |
| REHPSERIES4   | (69.85)           | (5.59)                | (10.41)          | (66.67)              | (50.04)           | CONFIG 10  | 2.50" - 2.56"<br>(63.50 - 65.09) | 2.44"<br>(61.89) | 2" Conduit                      |        |        |        |        |        |        |        |        |  |  |         |                |         |          |                                  |                  |                |
| REHPSERIES5   | 3.38"<br>(85.85)  | 0.22"<br>(5.59)       | 0.34"<br>(8.63)  | 3.38"<br>(85.85)     | 2.97"<br>(75.44)  | CONFIG 11  | 3.00"<br>(76.20)                 | N/A              | 2-1/2" Conduit                  |        |        |        |        |        |        |        |        |  |  |         |                |         |          |                                  |                  |                |
| REHPSERIES6   | 4.00"<br>(101.60) | 0.22"<br>(5.59)       | 0.34"<br>(8.63)  | 4.00"<br>(101.60)    | 3.59"<br>(91.19)  | CONFIG 12  | 3.62"<br>(91.95)                 | N/A              | 3" Conduit                      |        |        |        |        |        |        |        |        |  |  |         |                |         |          |                                  |                  |                |
| REHPSERIES7   | 4.50"<br>(114.30) | 0.22"<br>(5.59)       | 0.38"<br>(9.63)  | 4.50"<br>(114.30)    | 4.09"<br>(103.88) | CONFIG 13  | 4.12"<br>(104.65)                | N/A              | 3-1/2" Conduit                  |        |        |        |        |        |        |        |        |  |  |         |                |         |          |                                  |                  |                |
| REHPSERIES8   | 5.00"<br>(127.00) | 0.22"<br>(5.59)       | 0.41"<br>(10.41) | 5.00"<br>(127.00)    | 4.59"<br>(116.58) | CONFIG 14  | 4.62"<br>(117.35)                | N/A              | 4" Conduit                      |        |        |        |        |        |        |        |        |  |  |         |                |         |          |                                  |                  |                |

## **ADDITIONAL ACCESSORIES**

#### **Trilobular Screws**



This  $10-32 \times 1/2$  pan phillips head stainless steel screw is self threading for the mounting bosses in thermoplastic enclosures. Sold in a 2 count pack.

CATALOG NUMBER

#### **Encapsulated Screws**



For corrosive environments this pvc coated stainless steel screw head thread #10-24 screw pack is for you. Available in a 2 or 4 count pack with O-rings included to make screw captive.

| CATALOG NUMBER    |  |
|-------------------|--|
| <b>RE2PKENCAP</b> |  |
| <b>RE4PKENCAP</b> |  |

#### **Plastic Print Pocket**



Robroy Enclosures' offers a polystyrene print pocket with self-adhesive tape that can be utilized to store prints, or other important documents within the enclosure.

| CATALOG NUMBER | HEIGHT | WIDTH | DEPTH |
|----------------|--------|-------|-------|
| REPRTPKT       | 9.3"   | 10.4" | 1.2"  |

#### **Carrying Handle**



Robroy Enclosures' nylon carrying handle is the perfect solution to make your system portable.



| CATALOG NUMBER | HOLE DIAMETER | SCREW SIZE |
|----------------|---------------|------------|
| RECH109506     | .25"          | 1/4-20     |

#### **Pole Mount**



Robroy Enclosures' pole mount kit fits the enclosure dimension that will be mounted perpendicular to pole.

Comes with light gray powder coated carbon steel top and bottom flanges, stainless steel straps, and mounting screws.

| CA | TALOG NUMBER |
|----|--------------|
|    | PM6-8        |
|    | PM10-12      |
|    | PM14-16      |
|    | PM18-24      |

#### **Vapor Capsule**



Robroy Enclosures' vapor capsules contain a unique vapor phase inhibitor designed to protect metallic surfaces within an enclosure against airborne corrosion.

REVC21

Note: Radius of Protection: 2 ft. Normal Life Span: 1 yr.





500 Maple Street Belding, MI 48809 P: 616-794-0700 F: 616-794-3378

RobroyEnclosures.com