

# Accessories

At TURCK, we understand that not every application is the same, that's why we dedicate ourselves to finding the optimal engineered solution. TURCK offers a variety of accessories, ranging from software and junction boxes to power supplies and cables to compliment your networking solution.

## Software



### I/O-Assistant/PACTWARE

- FDT/DTM-based technology
- Engineering, configuring, commissioning and diagnosing



### CoDeSys

- IEC 61131-3-based programming software
- Programming in Ladder, Structured List, Flow Chart, Sequential Function and Statement List

## PRODUCT

## PAGE

### Active Junction Boxes

#### Repeaters

- Available for DeviceNet, PROFIBUS®-DP and AS-interface®
- IP20 and IP67 protection ratings for in-cabinet or on-machine mounting

G5

### Power Supplies

#### On-machine

- IP67 protection rating
- 2, 4, 8, 12, 15 and 16 Amp outputs

G11

#### In-cabinet

- IP20 protection rating for DIN-rail mounting
- Up to 20 Amp outputs, universal (AC/DC) voltage input

G13

# ACCESSORIES

Notes:

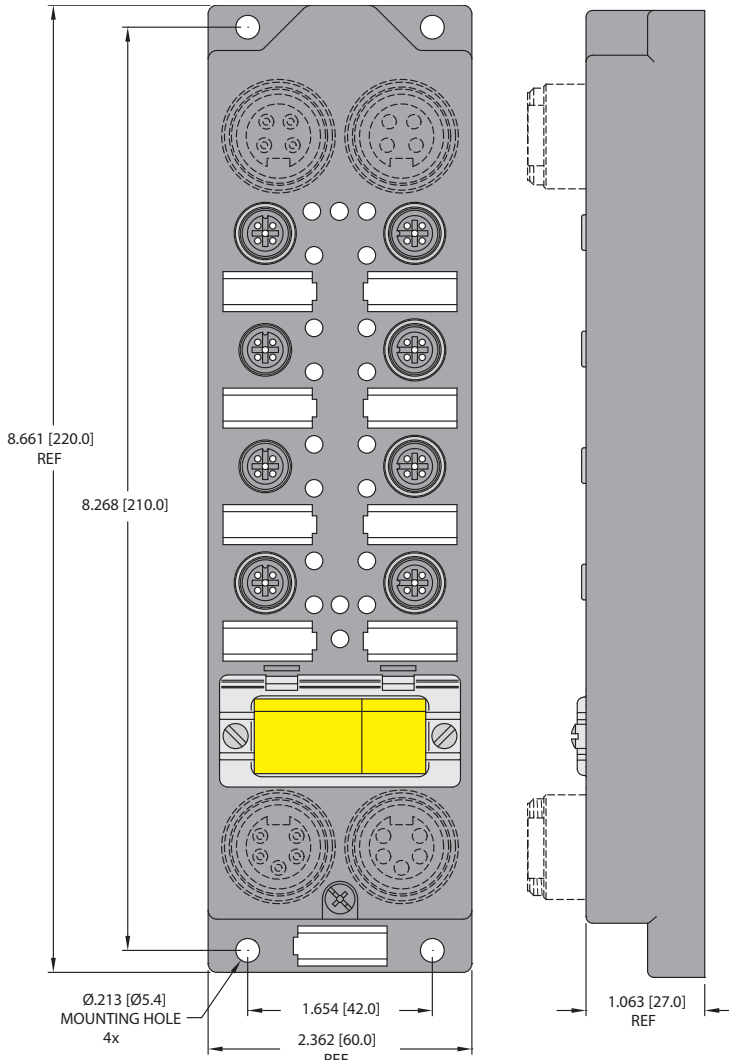
## Power Supplies Part Number Key

|                          |  |                                  |  |                                   |  |                                                   |  |                              |  |
|--------------------------|--|----------------------------------|--|-----------------------------------|--|---------------------------------------------------|--|------------------------------|--|
| PSU 67 - 1 1 - 24 4 0 /M |  |                                  |  |                                   |  |                                                   |  |                              |  |
| <b>Power Supply Unit</b> |  | <b>Environment</b>               |  | <b>Number of Input Connectors</b> |  | <b>Number of Output Connectors</b>                |  | <b>Type of Connectors</b>    |  |
| PSU                      |  | 67 = On Machine Mountable - IP67 |  | 1 = 1 Input Connector             |  | 1 = 1 Output Connector<br>2 = 2 Output Connectors |  | M = minifast® 7/8-16UN       |  |
|                          |  |                                  |  |                                   |  |                                                   |  | <b>Connector Material</b>    |  |
|                          |  |                                  |  |                                   |  |                                                   |  | 0 = Nickel Plated Brass      |  |
|                          |  |                                  |  |                                   |  |                                                   |  | <b>Output Current Rating</b> |  |
|                          |  |                                  |  |                                   |  |                                                   |  | 2 = 2 Amps                   |  |
|                          |  |                                  |  |                                   |  |                                                   |  | 4 = 4 Amps                   |  |
|                          |  |                                  |  |                                   |  |                                                   |  | 8 = 8 Amps                   |  |
|                          |  |                                  |  |                                   |  |                                                   |  | 12 = 12 Amps                 |  |
|                          |  |                                  |  |                                   |  |                                                   |  | 15 = 15 Amps                 |  |
|                          |  |                                  |  |                                   |  |                                                   |  | 16 = 16 Amps                 |  |
|                          |  |                                  |  |                                   |  |                                                   |  | <b>Output Voltage</b>        |  |
|                          |  |                                  |  |                                   |  |                                                   |  | 24 = 24 VDC                  |  |
|                          |  |                                  |  |                                   |  |                                                   |  | 12 = 12 VDC                  |  |

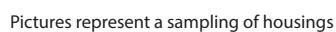
# ACCESSORIES

## DeviceNet™, Repeater and Spanner module

- Repeater to Extend Trunk or Drop Lines
- Spanner Module to Route Data between Two PLCs over DeviceNet
- Fiberglass Reinforced Nylon Housing (fully potted)
- with Nickel-brass Connectors
- IP67

| Housing Style                                                                      | Part Number | Protocol   |
|------------------------------------------------------------------------------------|-------------|------------|
|  | FDN-DN1     | DeviceNet™ |
|                                                                                    | REP-DN      | DeviceNet  |

**Industrial  
Automation**

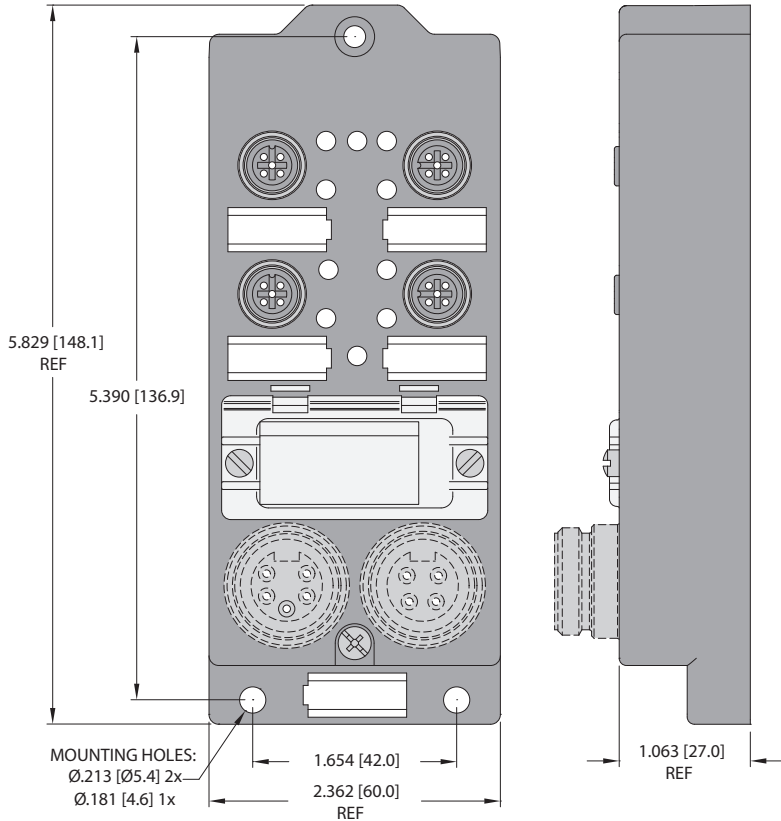
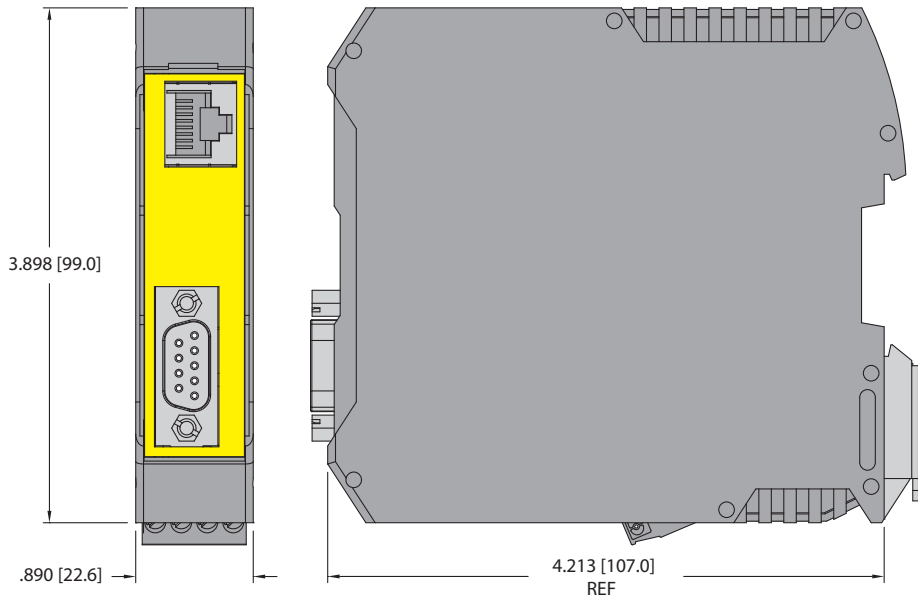


## Accessories

ACCESSORIES

PROFIBUS®-DP, Repeater

- Repeater to Extend Trunk or Drop Lines
- Automatic Baud Rate Detection up to
- 12 Mbaud
- Fiberglass Reinforced Nylon Housing (fully potted) with
- Nickel-brass Connectors
- IP67

| Housing Style                                                                                                                                                                                                                                                      | Part Number | Protocol    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|
|  <p>5.829 [148.1] REF</p> <p>5.390 [136.9]</p> <p>MOUNTING HOLES:<br/>Ø.213 [Ø5.4] 2x<br/>Ø.181 [4.6] 1x</p> <p>1.654 [42.0]</p> <p>2.362 [60.0] REF</p> <p>1.063 [27.0] REF</p> | REP-DP-0002 | PROFIBUS-DP |
|  <p>3.898 [99.0]</p> <p>.890 [22.6]</p> <p>4.213 [107.0] REF</p>                                                                                                               | PB-XEPI2    | PROFIBUS-DP |

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Pictures represent a sampling of housings

| Connector/Gland Material | Housing Material | Certifications | Notes                                   |
|--------------------------|------------------|----------------|-----------------------------------------|
| Nickle-Brass             | Nylon            | CE             | Repeater, IP67 Fully Potted             |
| Nickle-Brass             | Nylon            |                | Ethernet to PROFIBUS-DP Interface, IP20 |

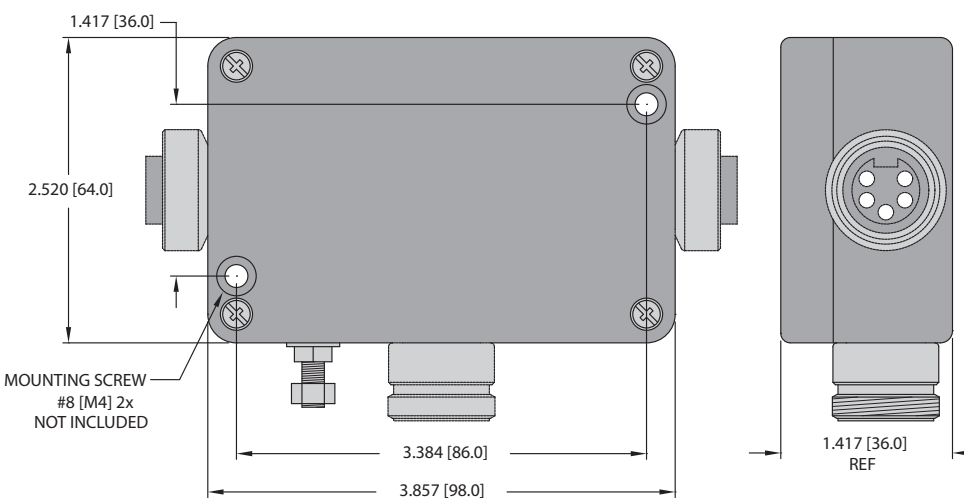
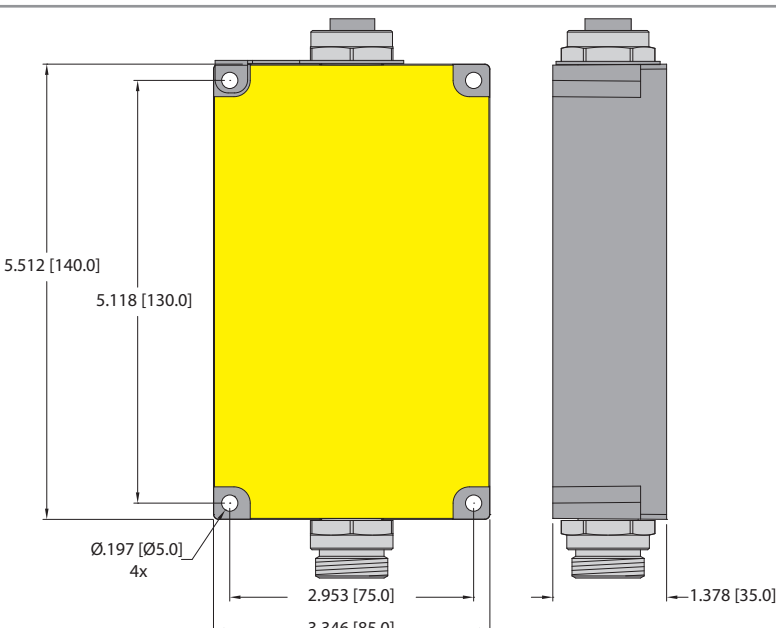
Accessories



# ACCESSORIES

## PROFIBUS® Diagnostic tool

- Ethernet on PROFIBUS Interface
- Central Field Device Configuration, Parameterization and Diagnosis

| Housing Style                                                                       | Part Number     | Protocol                |
|-------------------------------------------------------------------------------------|-----------------|-------------------------|
|  | SPTC2/C1243     | DeviceNet™              |
|                                                                                     | SPTE1-A48       | PROFIBUS PA             |
|                                                                                     | SPTE1-A49       | Foundation™<br>Fieldbus |
|                                                                                     | SPTM1-A48       | PROFIBUS PA             |
|                                                                                     | SPTM1-A49       | Foundation<br>Fieldbus  |
|                                                                                     | SPTSM13-A25     | AS-I                    |
|                                                                                     | SPTT1           | DeviceNet               |
|                                                                                     | SPTT1-A25       | AS-I                    |
|                                                                                     | SPTT1-A48       | PROFIBUS PA             |
|                                                                                     | SPTT1-A49       | Foundation<br>Fieldbus  |
|  | PSU67-11-1240/M | Power Supply            |
|                                                                                     | PSU67-11-2420/M | Power Supply            |
|                                                                                     | PSU67-11-2440/M | Power Supply            |

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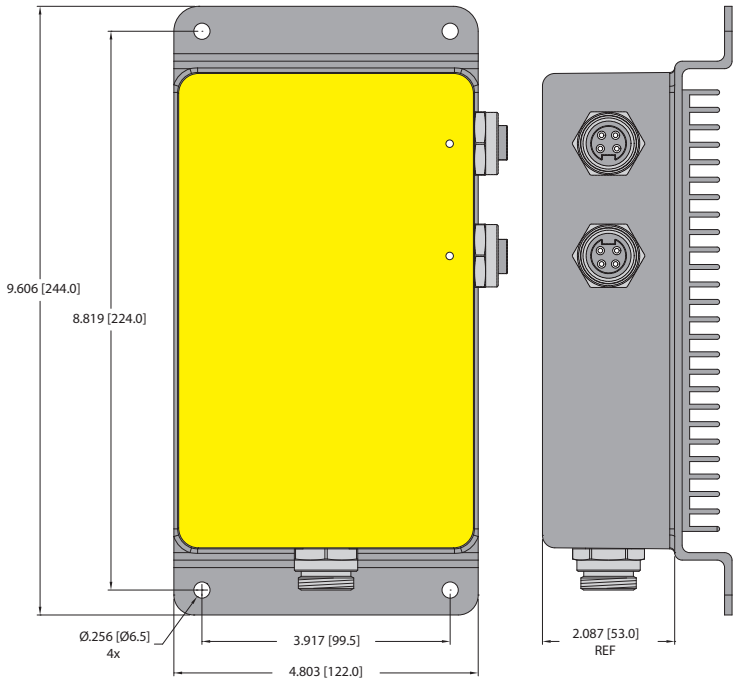
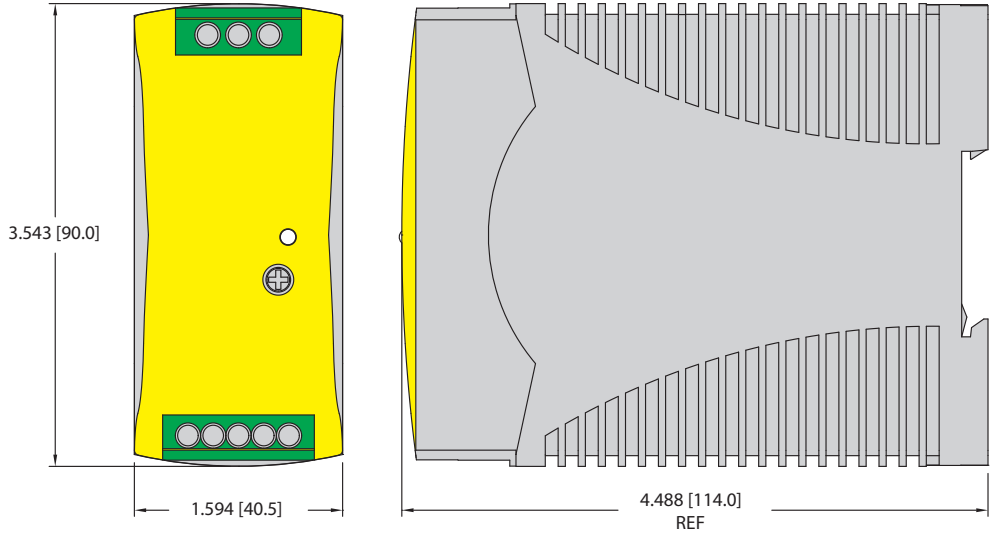
| Connector/Gland Material | Housing Material | Certifications | Notes                                                                          |
|--------------------------|------------------|----------------|--------------------------------------------------------------------------------|
| Nickle-Brass             | Aluminum         |                | Power Tap: 4-pin Male Power Connector, 2 Female Buss Connectors, IP67          |
| SS                       | Aluminum         |                | Tee: M12 Eurofast Bus Connectors, IP67                                         |
| SS                       | Aluminum         |                | Tee: M12 Eurofast Buss Connectors, IP67                                        |
| SS                       | Aluminum         |                | Tee, IP67                                                                      |
| SS                       | Aluminum         |                | Tee, IP67                                                                      |
| Nylon                    | Aluminum         |                | Field wireable Tee: Screw Terminals, IP67                                      |
| Nickle-Brass             | Aluminum         |                | Field wireable Tee, IP67                                                       |
| Nylon                    | Aluminum         |                | Field wireable Tee, IP67                                                       |
| Nylon                    | Aluminum         |                | Field wireable Tee, IP67                                                       |
| Nylon                    | Aluminum         |                | Field wireable Tee, IP67                                                       |
| Nickle-Brass             | Nylon            |                | 12VDC, 4A supply, 3-pin power input to a 4-pin power output, IP67 Fully Potted |
| Nickle-Brass             | Nylon            |                | 24VDC, 2A supply, 3-pin power input to a 4-pin power output, IP67 Fully Potted |
| Nickle-Brass             | Nylon            |                | 24VDC, 4A supply, 3-pin power input to a 4-pin power output, IP67 Fully Potted |

Accessories

# ACCESSORIES

## On-Machine Power Supplies

- 2, 4 and 8 Amp Output Current Available
- Universal Operating Voltage
- Broad Temperature Range
- IP67

| Housing Style                                                                        | Part Number     | Protocol     |
|--------------------------------------------------------------------------------------|-----------------|--------------|
|    | PSU67-11-2480/M | Power Supply |
|                                                                                      | PSU67-12-2480/M | Power Supply |
|  | IM82-24-2.5     | Power Supply |

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Pictures represent a sampling of housings

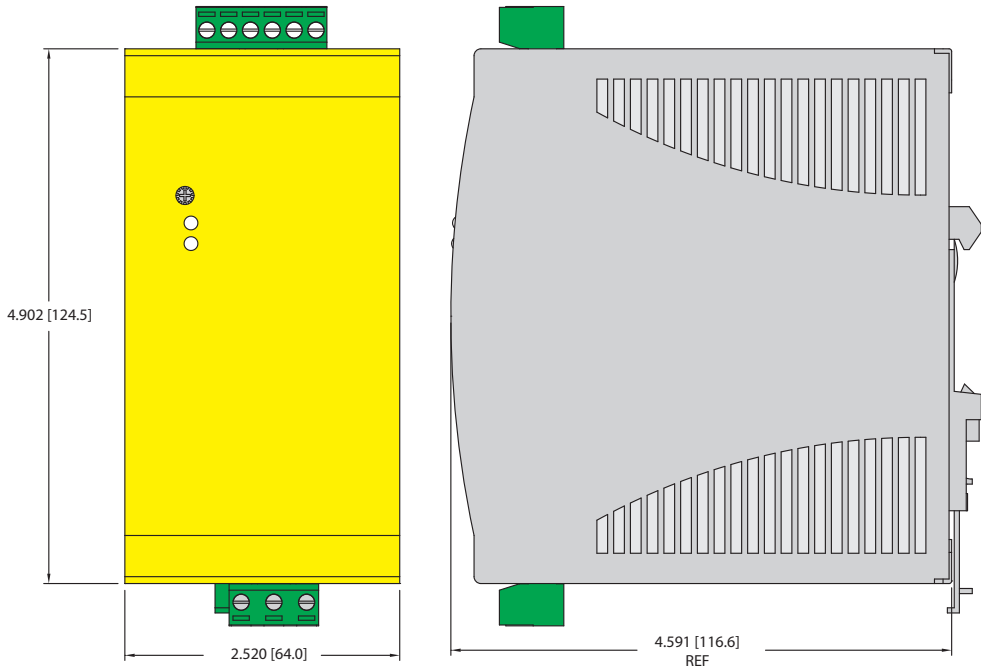
| Connector/Gland Material | Housing Material | Certifications | Notes                                                                             |
|--------------------------|------------------|----------------|-----------------------------------------------------------------------------------|
| Nickle-Brass             | Nylon            |                | 24VDC, 8A supply, 3-pin power input to a 4-pin power output, IP67 Fully Potted    |
| Nickle-Brass             | Nylon            |                | 24VDC, 8A supply, 3-pin power input to two 4-pin power outputs, IP67 Fully Potted |
| Nylon                    | Aluminum         |                | 24 VDC, 2.5A supply, IP20                                                         |

Accessories

# ACCESSORIES

## In-Cabinet Power Supplies

- 2.5, 5, 10 and 20 Amp Current Available
- Universal Operating Voltage
- Single/parallel Operation
- IP20

| Housing Style                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Part Number | Protocol     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|
|  <p>Technical drawing of the IM82-24-5.0 power supply. The front view (left) shows a yellow rectangular unit with a height dimension of 4.902 [124.5] and a width dimension of 2.520 [64.0]. It features a green terminal block at the top and bottom. The side view (right) shows a grey unit with a height dimension of 4.591 [116.6] REF. It features a green terminal block at the top and bottom, and a series of vertical ventilation slots on the side.</p> | IM82-24-5.0 | Power Supply |

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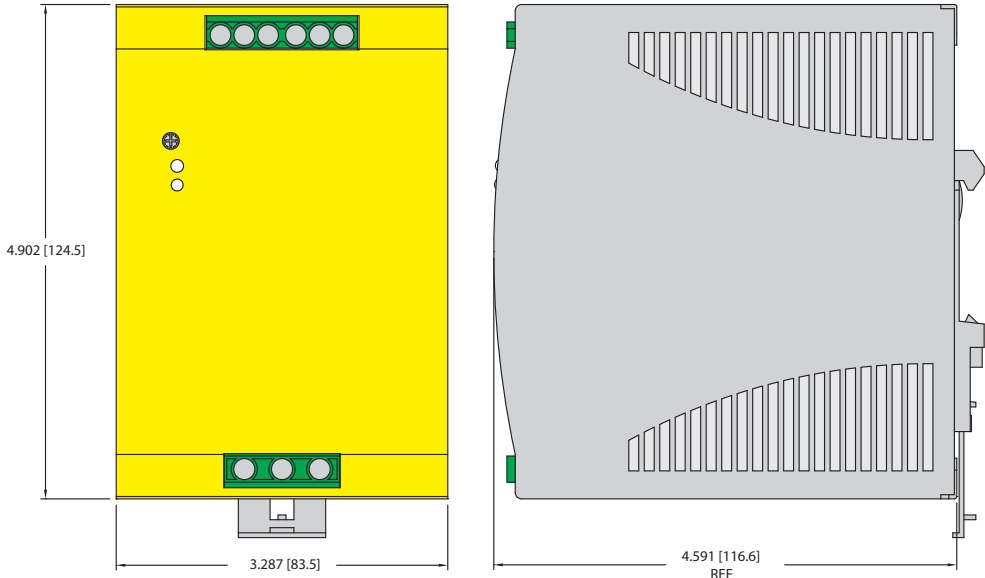
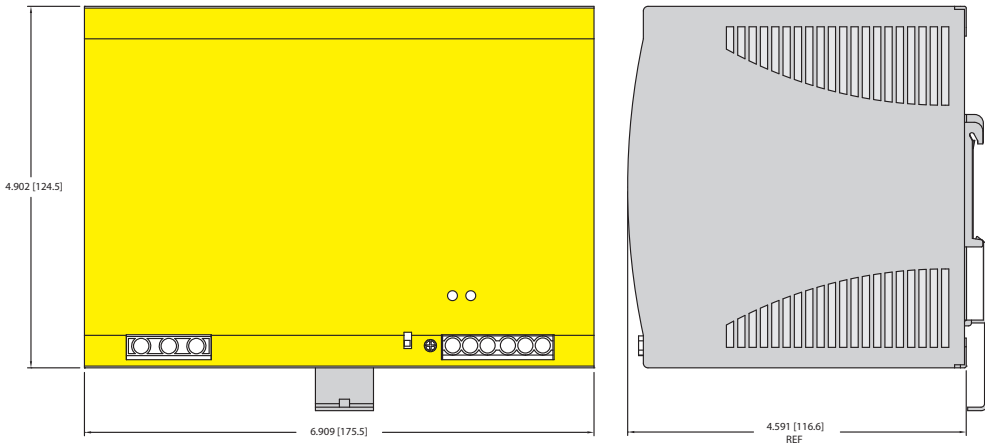
| Connector/Gland Material | Housing Material | Certifications | Notes                     |
|--------------------------|------------------|----------------|---------------------------|
| Nylon                    | Aluminum         | UL, CE         | 24 VDC, 5.0A supply, IP20 |

Accessories

# ACCESSORIES

## In-Cabinet Power Supplies

- 2.5, 5, 10 and 20 Amp Current Available
- Universal Operating Voltage
- Single/parallel Operation
- IP20

| Housing Style                                                                        | Part Number | Protocol     |
|--------------------------------------------------------------------------------------|-------------|--------------|
|   | IM82-24-10  | Power Supply |
|  | IM82-24-20  | Power Supply |

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Pictures represent a sampling of housings

| Connector/Gland Material | Housing Material | Certifications | Notes                    |
|--------------------------|------------------|----------------|--------------------------|
| Nylon                    | Aluminum         | UL, CE         | 24 VDC, 10A supply, IP20 |
| Nylon                    | Aluminum         | UL, CE         | 24 VDC, 20A supply, IP20 |

Accessories