

## FEATURES

- Copper body material for high conductivity and easy crimping
- Tin plating for resistance to corrosion
- Added strength and excellent conductivity
- Vinyl insulation for electrical insulation and terminal protection
- Colour coded insulation for easy identification of terminal size
- Expanded insulation entry for easy wire insertion

## RS PRO Insulated Ring Terminal, M4 (#8) Stud Size, 1.5mm<sup>2</sup> to 2.5mm<sup>2</sup> Wire Size, Blue

RS Stock No.: 267-3773



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

From RS PRO a high-quality insulated crimp ring terminal, also known as a ring connector or cable lug. Ring crimp terminals are used for connecting an electrical cable or wire to a stud or a post on an electrical component such as a battery terminal. This ring terminal is made from highly conductive copper and has a double crimp design with an internal copper sleeve. This internal copper sleeve strengthens the barrel, provides a robust and secure crimp and protects the wire against stress and high vibration. The ring terminal is then tin plated for maximum electrical conductivity and corrosion resistance

## General Specifications

|                            |  |
|----------------------------|--|
| <b>Insulation</b>          | Insulated  |
| <b>Insulation Material</b> | Nylon  |
| <b>Colour</b>              | Blue   |
| <b>Contact Material</b>    | Copper   |
| <b>Contact Plating</b>     | Tin  |
| <b>Stud Size</b>           | M4 (#8)  |
| <b>Double Crimp</b>        | With copper sleeve on barrel   |
| <b>Application</b>         | Wide range of industries for connecting wires to electrical components. Applications include wiring in industrial control systems and industrial machines, automotive applications, communication equipment, power supplies and domestic appliances. |

## Electrical Specifications

|                                   |                          |
|-----------------------------------|--------------------------|
| <b>Maximum Electrical Rating</b>  | 105°C 600V Max.          |
| <b>Maximum Electrical Current</b> | 16 AWG: 18A, 14 AWG: 30A |

## Mechanical Specifications

|                                |                    |
|--------------------------------|--------------------|
| <b>Thickness</b>               | 0.8mm              |
| <b>Overall Length</b>          | 20.4mm             |
| <b>Inner Ring Diameter</b>     | 4.3mm              |
| <b>Outer Ring Diameter</b>     | 6.6mm              |
| <b>Maximum Wire Size</b>       | 2.5mm <sup>2</sup> |
| <b>Minimum Wire Size</b>       | 1.5mm <sup>2</sup> |
| <b>Maximum Wire Size (AWG)</b> | 14AWG              |
| <b>Minimum Wire Size (AWG)</b> | 16AWG              |

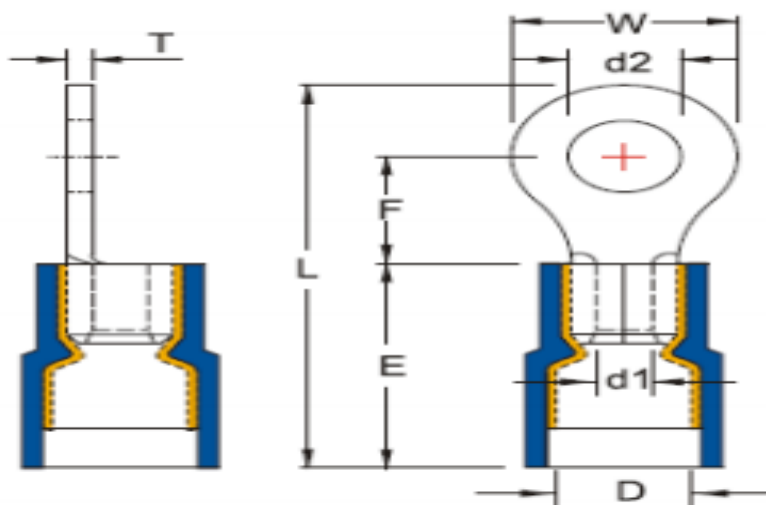
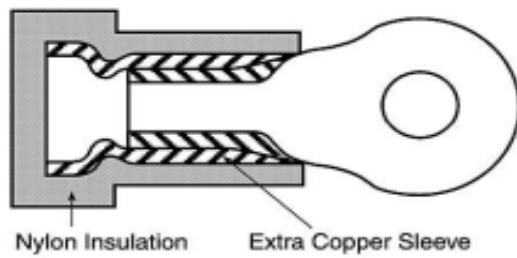
## Operation Environment Specifications

|                                      |       |
|--------------------------------------|-------|
| <b>Maximum Operating Temperature</b> | 150°C |
|--------------------------------------|-------|

## Approvals

|                                  |    |
|----------------------------------|----|
| <b>Compliance/Certifications</b> | UL |
|----------------------------------|----|





## Dimensions

| Wire Size<br>(mm <sup>2</sup> /AWG) | Stud Size |           | Dimensions (inch/mm) |          |           |           |          |          |          |
|-------------------------------------|-----------|-----------|----------------------|----------|-----------|-----------|----------|----------|----------|
|                                     | d2        |           | W                    | F        | L         | E         | D        | d1       | T        |
|                                     | Size      | (inch/mm) |                      |          |           |           |          |          |          |
| 1.5-2.5 mm <sup>2</sup> /16-14 AWG  | #8        | .169/4.3  | .260/6.6             | .248/6.3 | .803/20.4 | .433/11.0 | .205/5.2 | .091/2.3 | .031/0.8 |