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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 Stud Size, 0.5mm² to 1.5mm² Wire Size, Red

RS Stock No.: 534-216



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.

Ring Terminals

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 then tin plated for maximum electrical conductivity and corrosion resistance. A colour coded vinyl insulation provides protection to the terminal and aids quick identification of the terminal size. Once correctly crimped onto a wire or cable this ring terminal will provide a secure and reliable electrical connection.

General Specifications

Insulation	Insulated
Insulation Material	PVC
Colour	Red
Contact Material	Copper
Contact Plating	Tin
Stud Size	M4
Application	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.

Mechanical Specifications

Thickness	0.8mm
Overall Length	20mm
Inner Ring Diameter	4.16mm
Outer Ring Diameter	6mm
Maximum Wire Size	1.5mm^2
Minimum Wire Size	0.5mm^2
Maximum Wire Size (AWG)	16AWG
Minimum Wire Size (AWG)	22AWG

Ring Terminals

Operation Environment Specifications

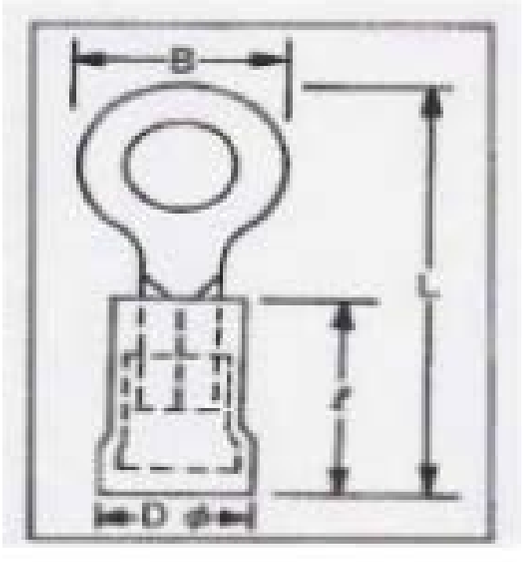
Maximum Operating Temperature	150°C

Approvals

Compliance/Certifications	2011/65/EU and 2015/863







Ring Terminals

Insulated	Wire range			Dimensions				Stud size	
Stock no.	AWG	mm²	Colour	B	D	L	I	AWG	mm
534238	22-16	0.5-1.5	Red	5.5	4.3	16.0	9.9	4	3.2
534222	22-16	0.5-1.5	Red	6.6	4.3	18.7	9.9	6	3.7
534216	22-16	0.5-1.5	Red	8.0	4.3	20.0	9.9	8	4.3
534200	22-16	0.5-1.5	Red	8.0	4.3	20.5	9.9	10	5.3
534193	22-16	0.5-1.5	Red	11.0	4.3	25.5	9.9	1 /4	6.4
2082492	22-16	0.5-1.5	Red	12.0	4.3	27.0	9.5	5/16	8.4

Stock no.	AWG	mm²	Colour	B	D	L	I	AWG	mm
534597	16-14	1.5-2.5	Blue	6.7	4.8	19.0	9.9	6	3.7
534581	16-14	1.5-2.5	Blue	8.0	4.8	20.5	9.9	8	4.3
534575	16-14	1.5-2.5	Blue	9.5	4.8	22.0	9.9	10	5.3
534569	16-14	1.5-2.5	Blue	10.5	4.8	26.0	9.9	1 /4	6.4
2082509	16-14	1.5-2.5	Blue	12.0	4.8	27.5	9.9	5/16	8.4

Stock no.	AWG	mm²	Colour	B	D	L	I	AWG	mm
534468	12-10	2.5-6.0	Yellow	7.2	6.5	27.0	13.5	6	3.7
534452	12-10	2.5-6.0	Yellow	9.5	6.5	26.5	13.5	8	4.3
534446	12-10	2.5-6.0	Yellow	9.5	6.5	27.0	13.5	10	5.3
534430	12-10	2.5-6.0	Yellow	11.0	6.5	29.0	13.5	1 /4	6.4
534424	12-10	2.5-6.0	Yellow	14.0	6.5	34.0	13.5	5/16	8.4
2082537	12-10	2.5-6.0	Yellow	15.0	6.5	35.5	13.5	3/8	10.0