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# Metric Ring Terminals

**19323** VersaKrimp™ style (un-insulated)

**19324** Avikrimp™ style (barrel insulated)

## High-quality, seamless-barrel metric ring terminals allow for optimum fit and maximum electrical performance when terminating connections to metric screws or threaded posts and are widely used in solderless wiring applications

Introducing high-quality metric-size solderless ring terminals featuring insulated Avikrimp™ and un-insulated VersaKrimp™ seamless barrel types. The terminals provide maximum electrical performance for metric terminations using studs up to 10mm in diameter and wire size up to 6mm$^2$.

Solderless ring terminals meet UL requirements only when crimped using Molex recommended tooling; however terminals may be crimped with a variety of industry-standard tooling.

For additional information visit: www.molex.com/link/metricringterminals.html



VersaKrimp™ and Avikrimp™ Metric Ring Terminals



Avikrimp™ Metric Ring Terminal



VersaKrimp™ Metric Ring Terminal

## Features and Benefits

| | |
|---|---|
| Terminals designed with metric ring sizes | Enables universal use with metric-size studs/screws up to 10mm in diameter and wire sizes up to 6mm$^2$ |
| VersaKrimp™ style un-insulated rings feature a brazed seam on the crimp barrel | Creates a seamless barrel that eliminates the need for proper orientation of the barrel during crimping; permits 360° of rotation in the crimp jaws for faster and more reliable crimping |
| Avikrimp™ style rings are pre-insulated with Nylon on the barrel | Prevents arcing between adjacent terminals on a barrier strip when the barrels are exposed beyond the edge of the strip<br>Nylon does not contain Halogens and is Glow Wire tested for safety |
| Avikrimp™ barrel has tin-plated brass ferrule | Provides double-crimp: both conductor and insulation crimp (strain relief) for optimum vibration resistance; fulfills TUV, VDE, IEC and DIN requirements<br>Creates a seamless conductor crimp that eliminates the need for proper orientation of the barrel during crimping; permits 360° of rotation in the crimp jaws |
| Terminals are constructed of high-quality, oxygen-free copper with tin plating | Protects from oxidation, which can result in high contact resistance and failure; ensures a highly conductive and reliable crimp |
| Terminals available on Mylar tape on request | Allows for high-volume termination and the most cost-effective and efficient wire-harness production |
| Molex crimp tooling available | Terminals meet UL requirements only when used with Molex recommended tooling |

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# Metric Ring Terminals

## Applications

**Industrial**

- Electrical panels
- Wiring harnesses
- Terminal blocks

**Automotive Aftermarket**

- Wiring harnesses
- After-market audio or video

**Consumer**

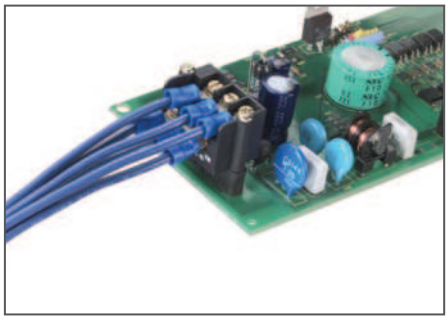
- Appliances / white goods
- Consumer electronics / brown goods



Security



HVAC



Ring terminals connected to Molex Euromate™ terminal block

## Specifications

**REFERENCE INFORMATION**
Packaging: Bulk Box
UL File No.: E32244
Designed In: mm
RoHS: Yes
Halogen Free: Yes
Glow Wire Compliant: Yes

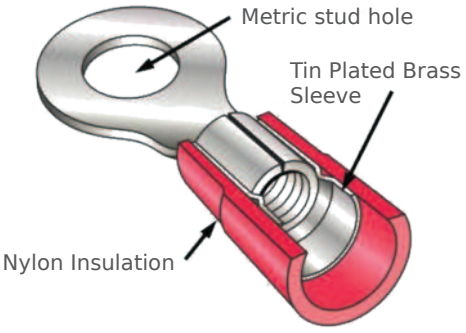
**ELECTRICAL**
Voltage (max.): 300V AC or DC (Avikrimp)
Current (max.):
5 to 30A depending on wire size

**PHYSICAL**
Housing: Nylon
Contact: Copper
Plating: Tin
Operating Temperature:
-55 to +105°C

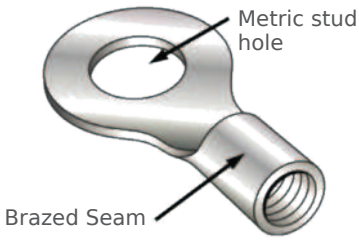
## Ordering Information

| Nominal Wire Size and Range (mm²) | Stud Size (mm) | Order Numbers | |
|---|---|---|---|
| | | Avikrimp™ Insulated | VersaKrimp™ Un-insulated |
| 1 (0,5 – 1) | 2,5 | 19324-0001 | 19323-0001 |
| 1 (0,5 – 1) | 3 | 19324-0002 | 19323-0002 |
| 1 (0,5 – 1) | 3,5 | 19324-0003 | 19323-0003 |
| 1 (0,5 – 1) | 4 | 19324-0004 | 19323-0004 |
| 1 (0,5 – 1) | 5 | 19324-0005 | 19323-0005 |
| 2,5 (1 – 2,5) | 3 | 19324-0006 | 19323-0006 |
| 2,5 (1 – 2,5) | 3,5 | 19324-0007 | 19323-0007 |
| 2,5 (1 – 2,5) | 4 | 19324-0008 | 19323-0008 |
| 2,5 (1 – 2,5) | 5 | 19324-0009 | 19323-0009 |
| 2,5 (1 – 2,5) | 6 | 19324-0010 | 19323-0010 |
| 2,5 (1 – 2,5) | 8 | 19324-0011 | 19323-0011 |
| 6 (2,5 – 6) | 4 | 19324-0012 | 19323-0012 |
| 6 (2,5 – 6) | 5 | 19324-0013 | 19323-0013 |
| 6 (2,5 – 6) | 6 | 19324-0014 | 19323-0014 |
| 6 (2,5 – 6) | 8 | 19324-0015 | 19323-0015 |
| 6 (2,5 – 6) | 10 | 19324-0016 | 19323-0016 |

## Additional Product Features




**Avikrimp™ Ring Terminal Insulated**




**VersaKrimp™ Ring Terminal Un-insulated**

**www.molex.com/link/metricringterminals.html**

Order No. 987650-8412
Printed in EUR/GF/2013.01
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