



Wire-end ferrules, Max. wire cross-section: 1.5 mm², Length: 20 mm, Length of copper pipe: 12 mm, Colour: Red

Business data

Article number	3013.0
Article name	HZL 1,5 HL RD
GTIN (EAN)	4044211057329
Packaging unit	500
Quantity unit	PC
Weight per piece (not including packaging)	0.21 g
Weight per piece (including packaging)	0.23 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Product description	Ferrules
Colour	Red

Technical data

Dimensions

Length	20 mm
Length of copper pipe	12 mm
Width of plastic collar	3.6 mm
Height of plastic collar	6.5 mm
Diameter of copper pipe	2.2 mm
Wall thickness of copper pipe	0.15 mm
Wall thickness of plastic collar	0.3 mm

Connection data

Wire cross-section, max.	1.5 mm ²
Wire cross-section AWG, max.	16
Stripping length	15 mm
2-wire plastic collar	✓

Materials

Copper pipe	Copper alloy
Surface	Galvanically tin-plated, shiny
Plastic collar	Polypropylene homopolymer
Working temperature, min.	-5 °C
Working temperature, max.	105 °C

Further technical data

Insulation available	✓
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Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2023-01-17
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

Standards and regulations

DIN 46228-4:1990	yes
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Media

Accessories
