

# UC-000000090DU - Housing for circular connector



1606040

<https://www.phoenixcontact.com/us/products/1606040>

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Housing for circular connector, series: UC, straight, Screw locking mechanism, M23, number of positions: 12, contact connection type: Socket, Crimp connection, shielded: yes, cable diameter range: 2 mm... 14.5 mm, this item is expected to be lead-free from Q2 2026 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

## Commercial data

Item number	1606040
Packing unit	20 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAII
GTIN	4046356256902
Weight per piece (including packing)	94.18 g
Weight per piece (excluding packing)	89.351 g
Customs tariff number	85389099
Country of origin	DE

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## Technical data

### Product properties

Product type	Circular connector housing
Series	UC
Application	Signal
Connection profile	12
Type	Coupling housing
Shielded	yes
Thread type	M23

### Connection data

Connection method	Crimp connection
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### Material specifications

Material (Rotating parts)	CuZn
Seal material	FPM or NBR or EPDM
Housing material	GD-Zn
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Housing surface material	Ni
Gasket and O-ring material	FPM

### Connector

Type	straight
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### Cable/line

External cable diameter	2 mm ... 14.5 mm
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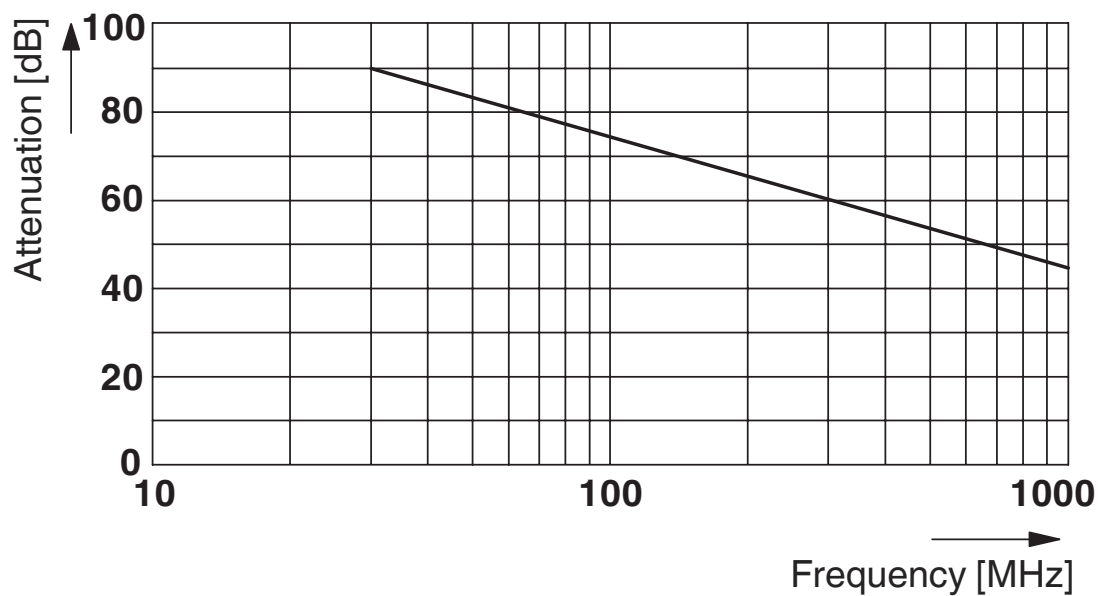
### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-20 °C ... 125 °C
Altitude	2000 m

## Drawings

Diagram



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## Classifications

### ECLASS

ECLASS-13.0	27440224
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### ETIM

ETIM 9.0	EC003556
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### UNSPSC

UNSPSC 21.0	31261500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	6242eb85-eda2-4fbd-b3cf-e9a3c8db5719

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