

UC-000000090DU - Housing for circular connector



1606040

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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. This product is in the process of being discontinued. This product must no longer be considered for new projects. Please contact your sales representative for alternatives.

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

UC-000000090DU - Housing for circular connector



1606040

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

Technical data

Product properties

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

Connection data

Connection method	Crimp connection
-------------------	------------------

Material specifications

Material Housing	GD-Zn
Material Housing surface	Ni
Material Rotating parts	CuZn
Seal material	FPM or NBR or EPDM
Gasket and O-ring material	FPM

Connector

Type	straight
------	----------

Cable/line

External cable diameter	2 mm ... 14.5 mm
-------------------------	------------------

Environmental and real-life conditions

Ambient conditions

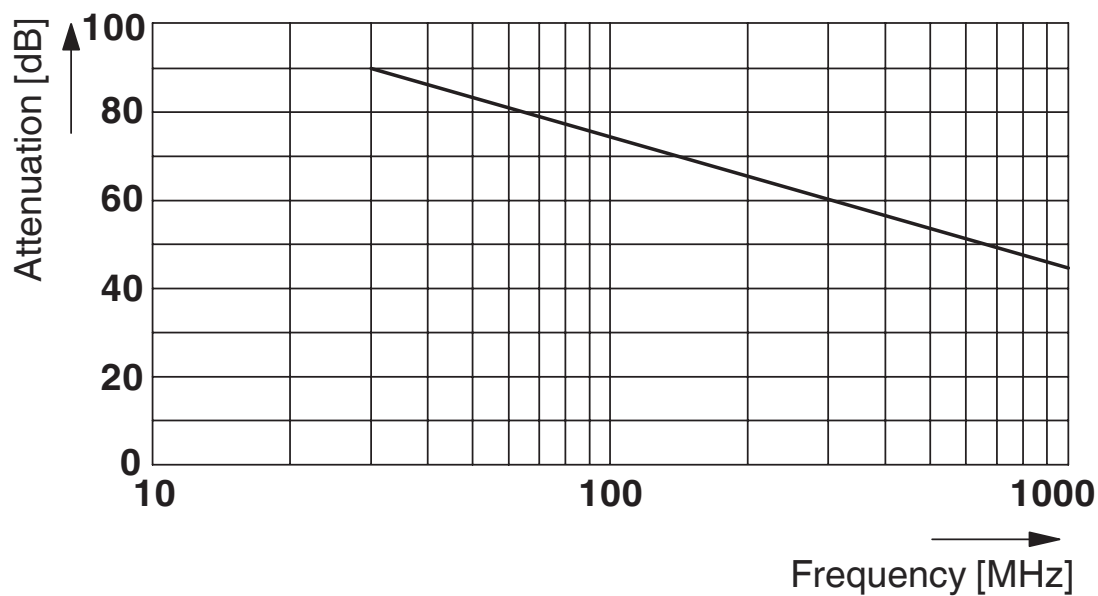
Degree of protection	IP67
Ambient temperature (operation)	-20 °C ... 125 °C
Altitude	2000 m

1606040

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

Drawings

Diagram



UC-000000090DU - Housing for circular connector



1606040

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

Classifications

ECLASS

ECLASS-13.0	27440224
ECLASS-15.0	27440224

ETIM

ETIM 9.0	EC003556
----------	----------

UNSPSC

UNSPSC 21.0	31261500
-------------	----------

UC-000000090DU - Housing for circular connector



1606040

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

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

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com