

1606142  
<https://www.phoenixcontact.com/us/products/1606142>

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M23, Rear panel feed-through, series: UC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, Axial O-ring, cable diameter range: 7 mm ... 8.5 mm, coding: N

Commercial data

Item number	1606142
Packing unit	10 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAIJ
GTIN	4046356257572
Weight per piece (including packing)	119.43 g
Weight per piece (excluding packing)	109.37 g
Country of origin	DE

# UC-06S1N8AQ0AA - Rear panel feed-through



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## Technical data

### Product properties

Product type	Circular connector (cable-side)
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### Connector

#### Insulating body

Note	Order information: Order crimp contacts Ø 2 mm separately
Coding	N
Material (Insulating body)	PA 6.6
Connection method	Crimp connection
Contact switching type	Socket
Application	Signal
Number of positions	6
Direction of rotation	Standard
Connection profile	6
Number Contact (Contact group 1)	6
Diameter Contact (Contact group 1)	2 mm
Rated current Contact (Contact group 1)	20 A (for max. connection cross section)
Rated voltage Contact (Contact group 1)	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

#### Housing

Type	Feed-through header
Thread type	M23
Design	straight
Type of locking	Screw locking mechanism
Pg screw connection	none
Mounting type	Rear mounting
Assembly note	Central fastening
Material (Housing)	GD-Zn
Material (Rotating parts)	CuZn
Material (Housing surface)	Ni
Material (Seal)	FPM (O-ring)
Degree of protection (plugged in)	IP67
Seal for the device	Axial O-ring

#### Seal

External cable diameter	7 mm ... 8.5 mm
Seal material	FPM

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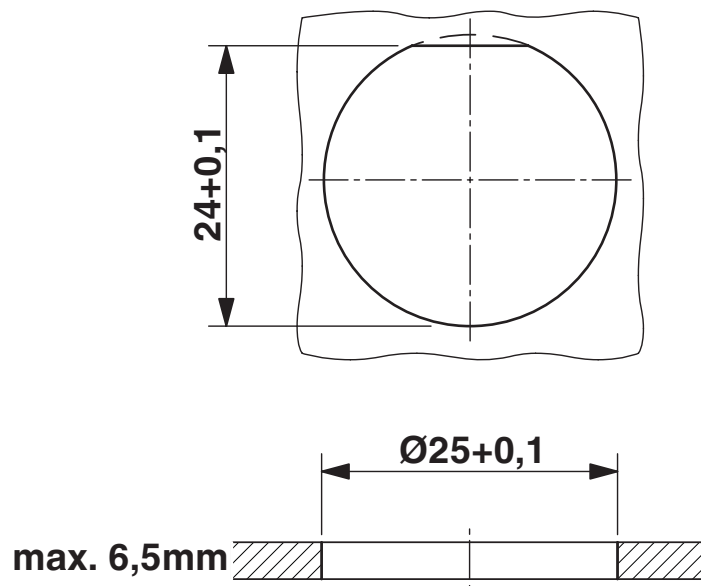
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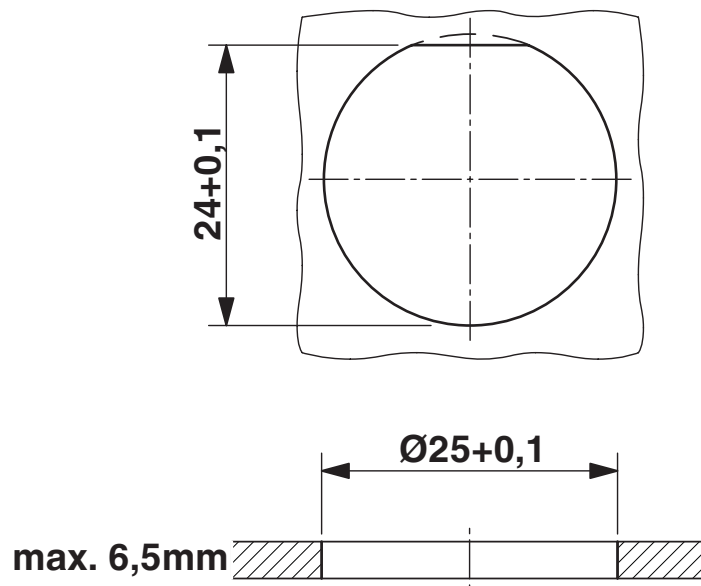
## Drawings

Dimensional drawing



Installation dimensions

Dimensional drawing



Installation dimensions

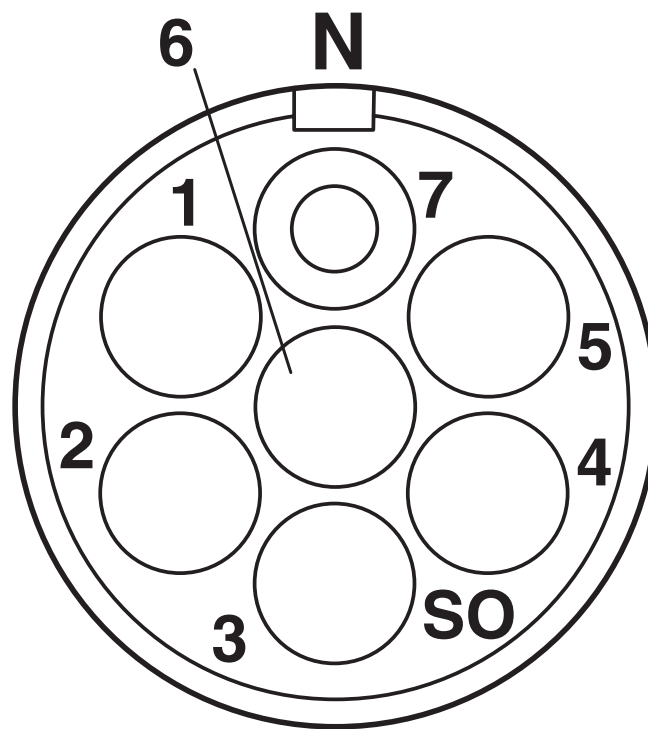
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Schematic diagram



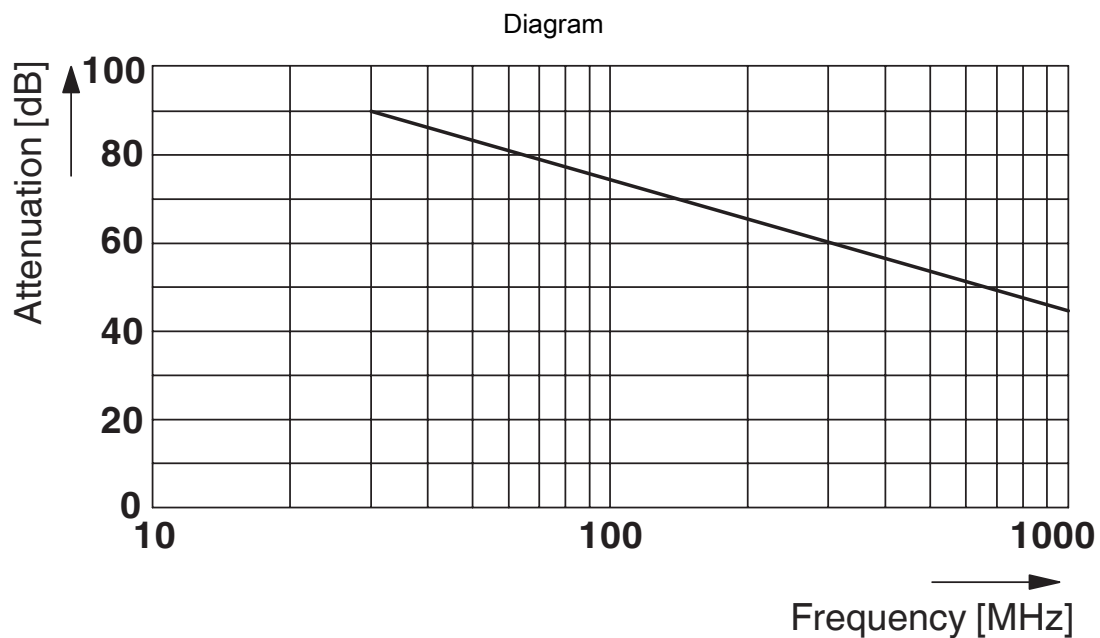
Connector pin assignment

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## Classifications

### UNSPSC

UNSPSC 21.0	39121409
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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.)	No substance above 0.1 wt%

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