

RAD-ISM-2400-ANT-OMNI-2-1-RSMA - Antenna



2701362

<https://www.phoenixcontact.com/gb/products/2701362>

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.



Omnidirectional antenna for wall mounting, frequency band: 2.4 GHz, gain: 2 dBi, degree of protection: IP65, connection: RSMA (male), incl. 1.5 m connecting cable, mounting bracket, and mounting material

Your advantages

- Ideally suited for freely mobile or stationary 2.4 GHz applications
- Including 1.5 m connecting cable

Commercial data

Item number	2701362
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DNN2Z1
Product key	DNN2Z1
Catalog page	Page 388 (C-6-2019)
GTIN	4046356743471
Weight per piece (including packing)	91 g
Weight per piece (excluding packing)	70 g
Customs tariff number	85177100
Country of origin	TW

Technical data

Product properties

Product type	Antenna
Radiation characteristics	Omnidirectional
Gain	2 dBi
Vertical beamwidth	75 °
Horizontal beamwidth	360 °
Polarization	Linear vertical

Electrical properties

Frequency band	2.4 GHz
Frequency range	2.4 GHz ... 2.5 GHz
Impedance	50 Ω
Maximum capacity	1.00 W

Connection data

Connection technology

Connection method	RSMA (male)
-------------------	-------------

Dimensions

Height	82.5 mm
Diameter	7.8 mm

Material specifications

Material	Polyurethane
	Polycarbonate PC
	V2A
Outer sheath, material	Fluorinated ethylene propylene (FEP)

Cable/line

Cable length	1.50 m
Connecting cable	yes
External cable diameter	2.50 mm
Outer sheath, material	Fluorinated ethylene propylene (FEP)
Smallest bending radius, fixed installation	25.4 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	-20 °C ... 65 °C
Ambient temperature (storage/transport)	-30 °C ... 75 °C

RAD-ISM-2400-ANT-OMNI-2-1-RSMA - Antenna



2701362

<https://www.phoenixcontact.com/gb/products/2701362>

Mounting

Mounting type	Wall mounting
Assembly note	Outdoors and indoors

RAD-ISM-2400-ANT-OMNI-2-1-RSMA - Antenna

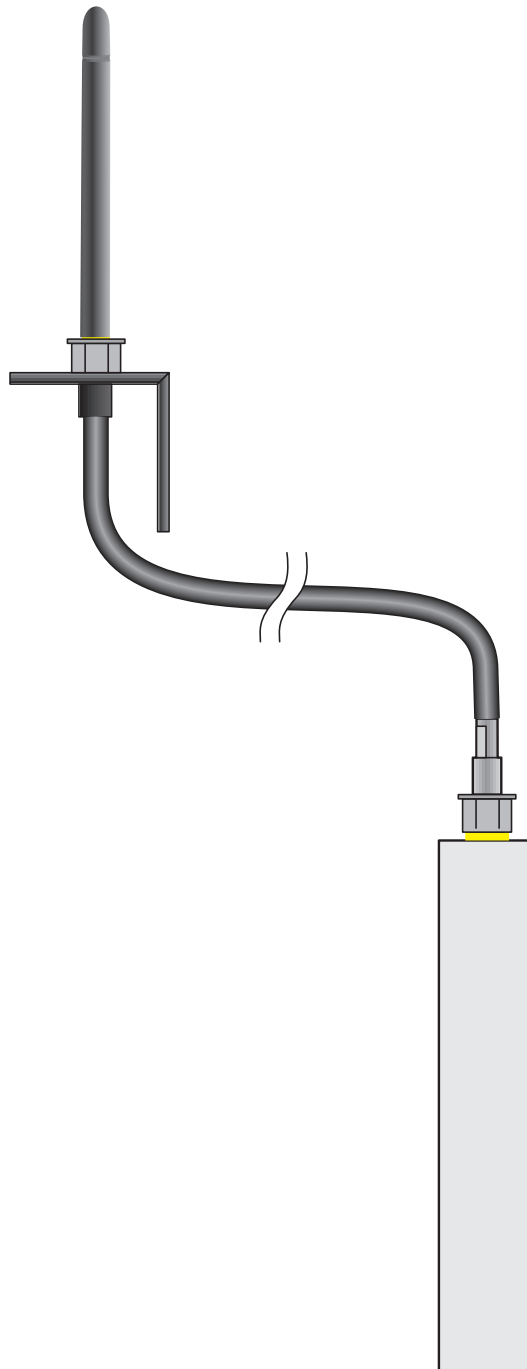
2701362

<https://www.phoenixcontact.com/gb/products/2701362>



Drawings

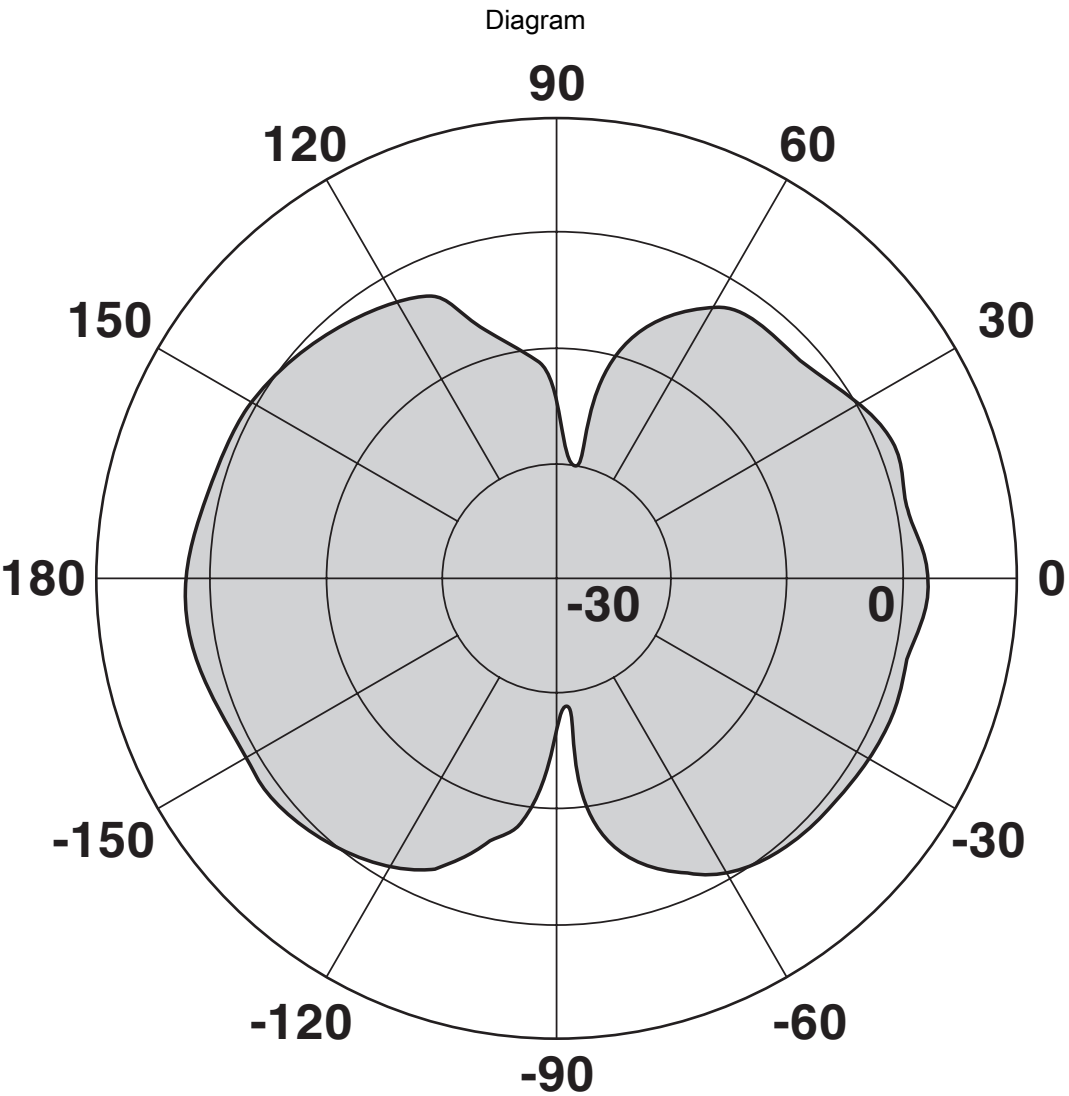
Schematic diagram



Installation example

2701362

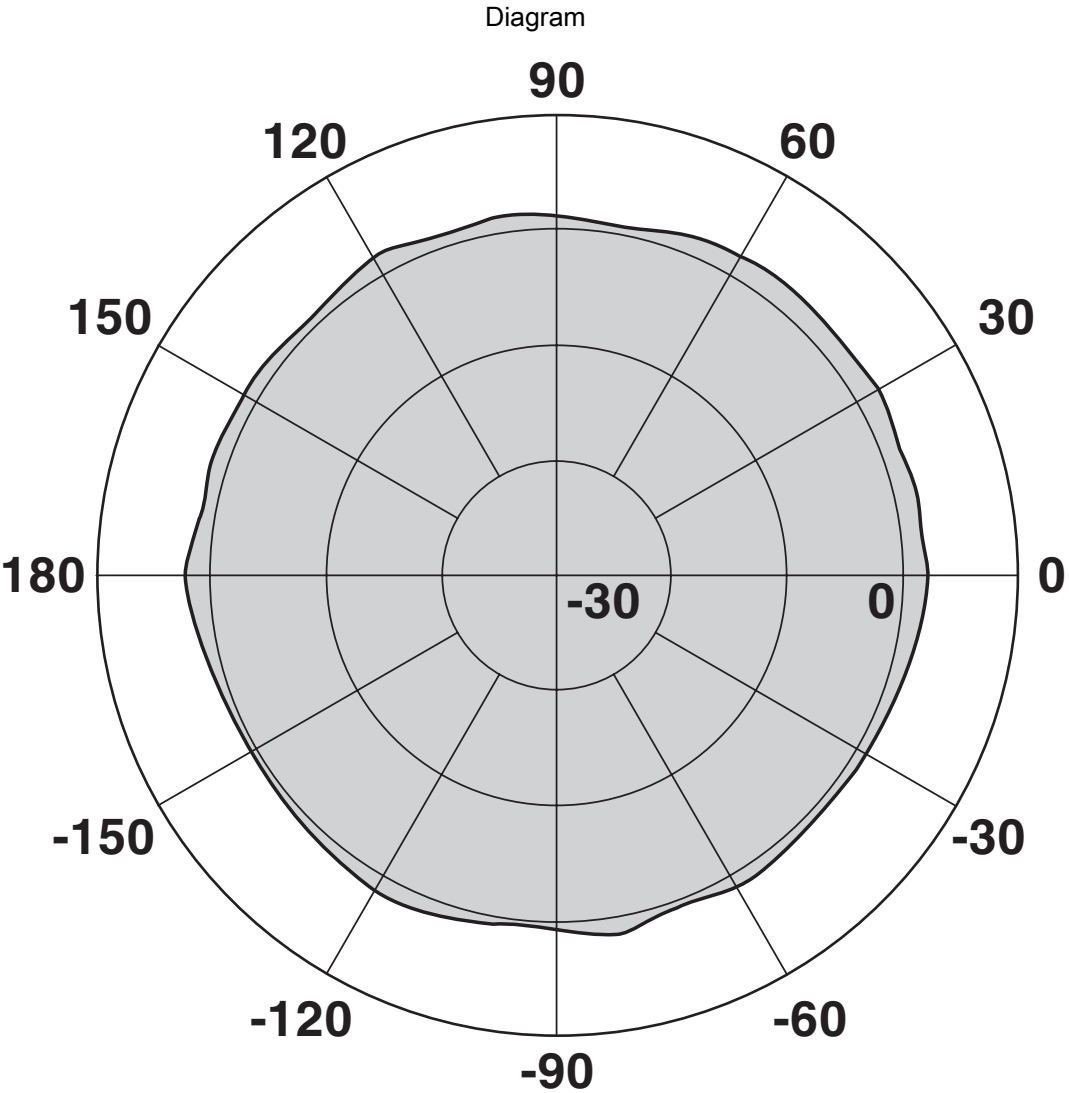
<https://www.phoenixcontact.com/gb/products/2701362>



Vertical

2701362

<https://www.phoenixcontact.com/gb/products/2701362>



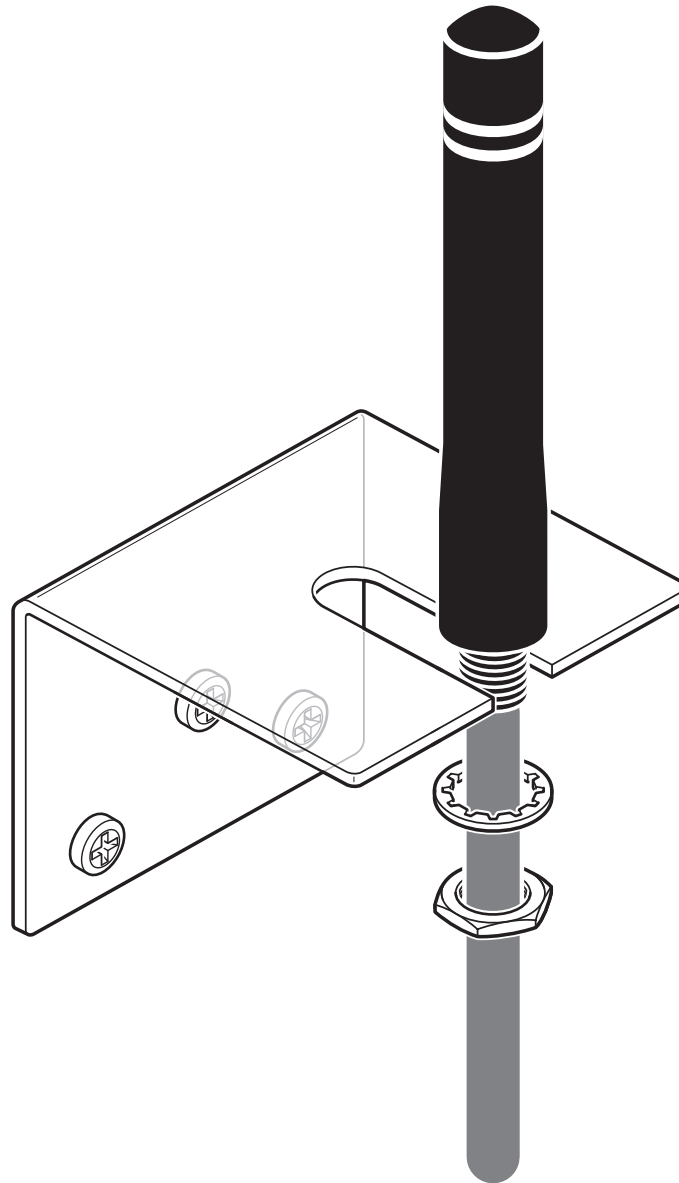
RAD-ISM-2400-ANT-OMNI-2-1-RSMA - Antenna



2701362

<https://www.phoenixcontact.com/gb/products/2701362>

Schematic diagram

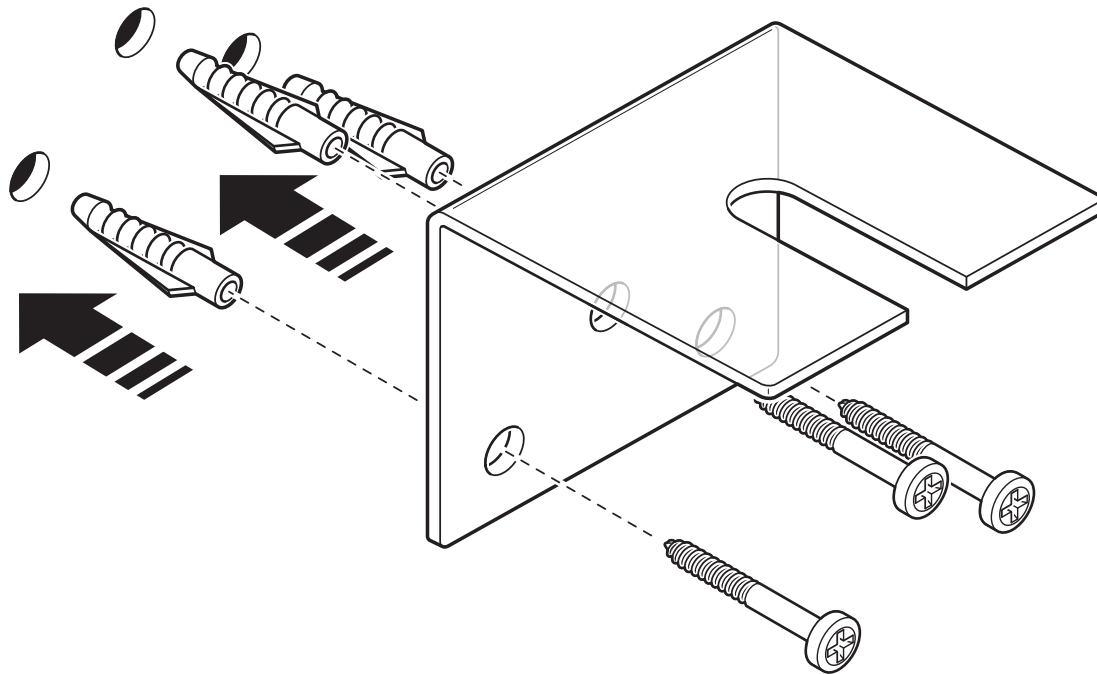


Wall mounting

2701362

<https://www.phoenixcontact.com/gb/products/2701362>

Schematic diagram

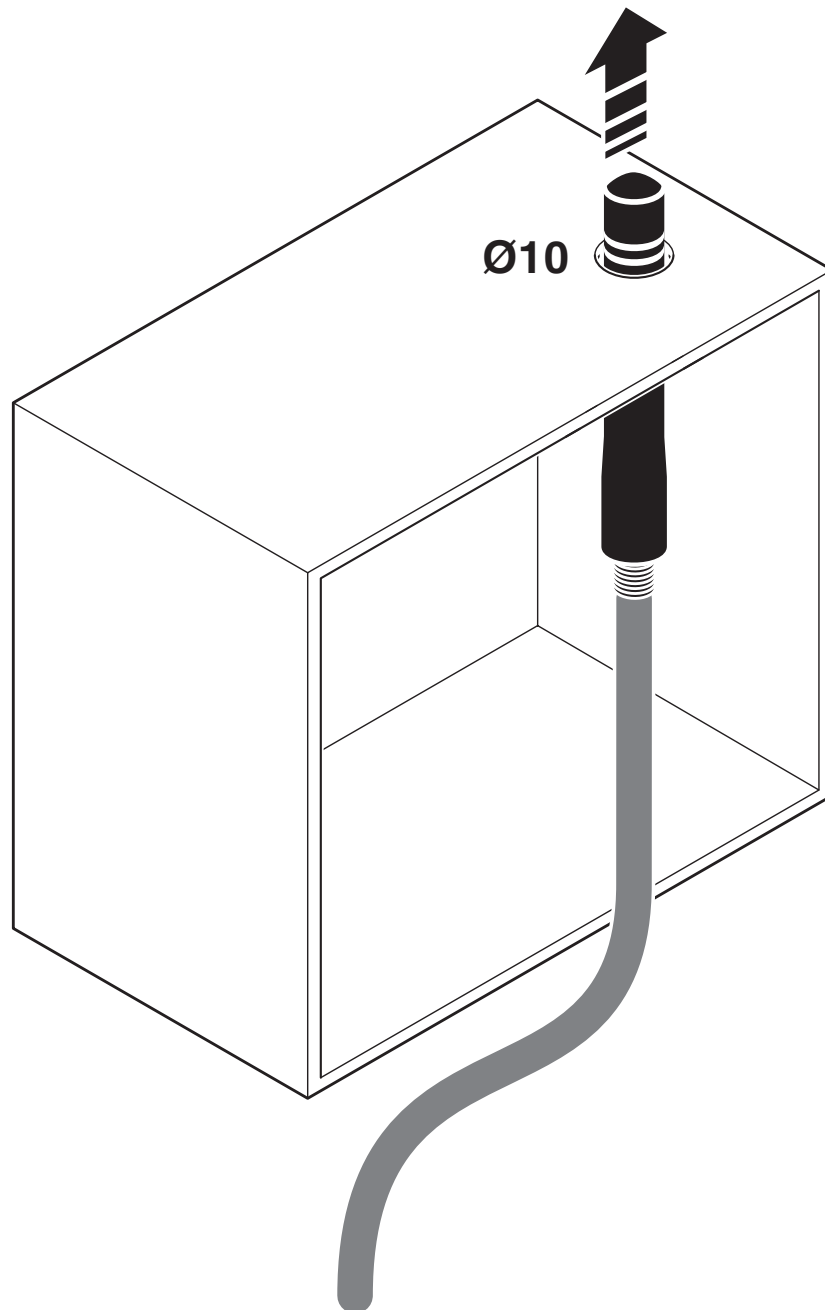


Wall mounting

2701362

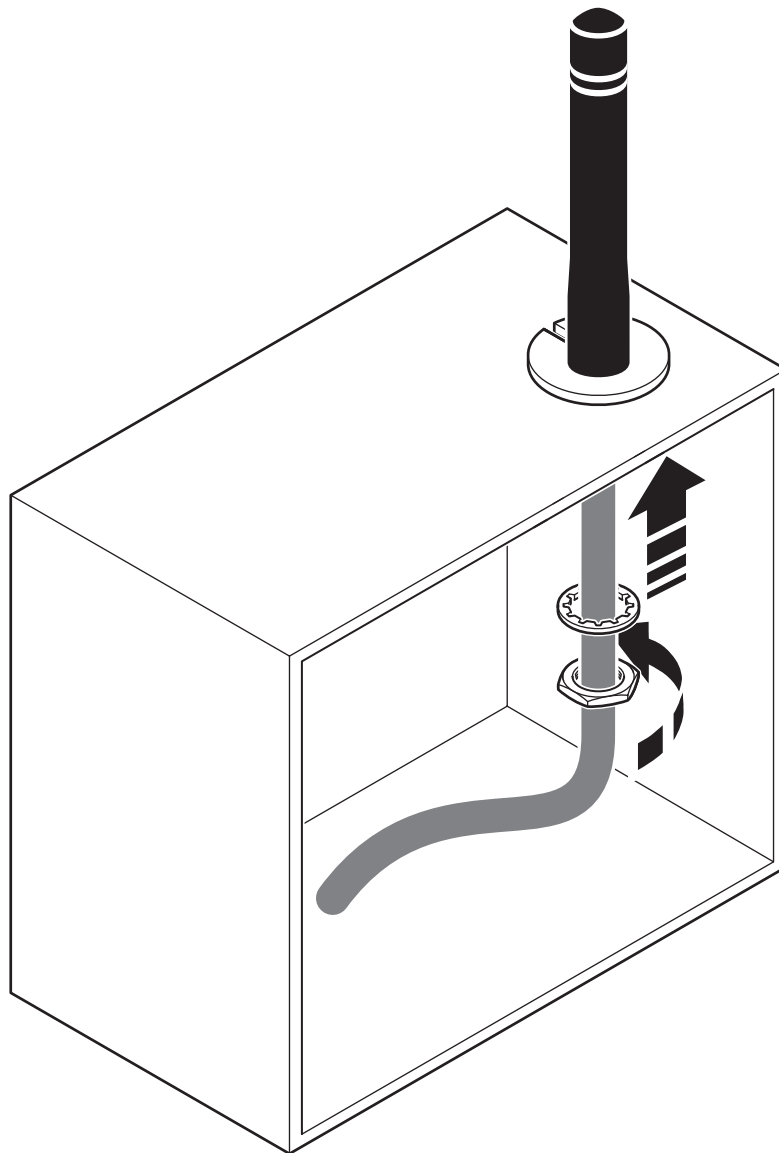
<https://www.phoenixcontact.com/gb/products/2701362>

Schematic diagram



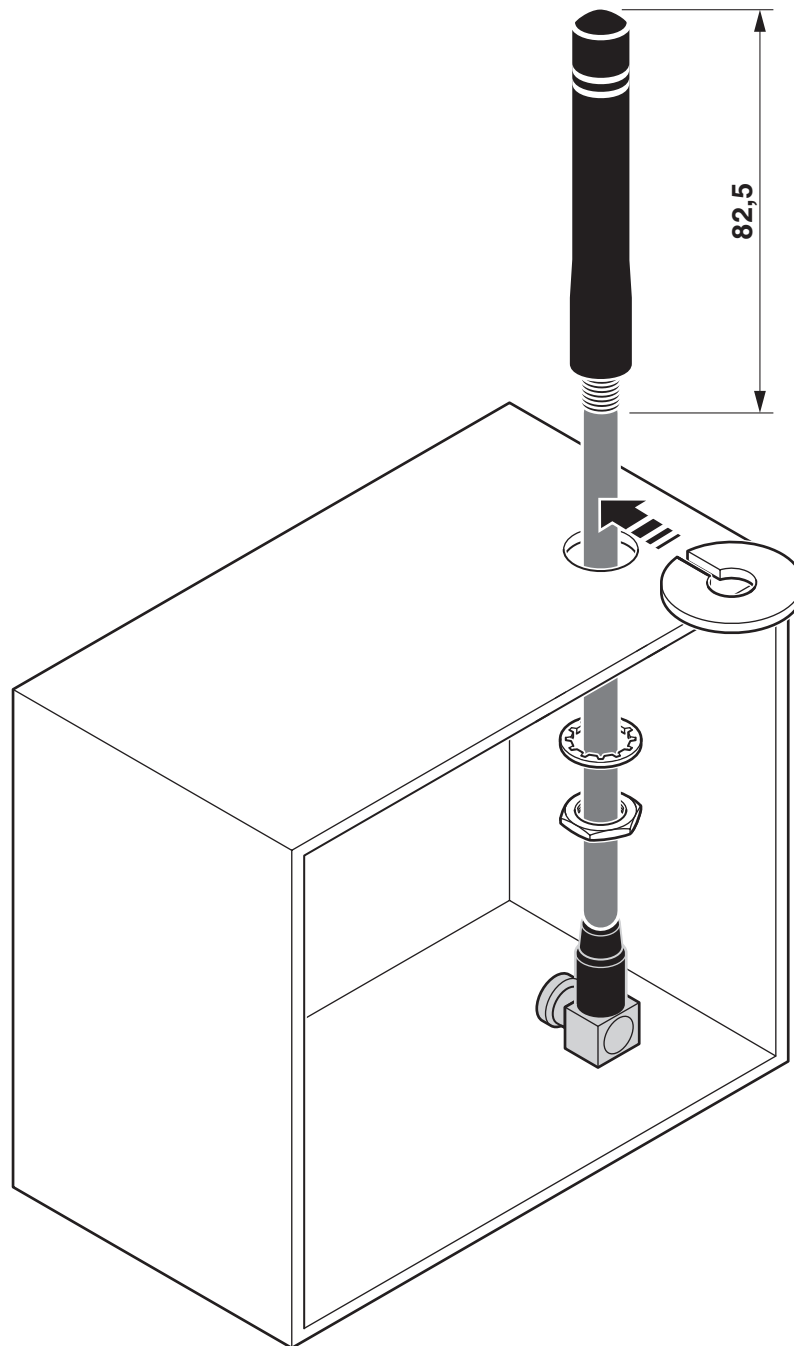
Control cabinet feed-through

Schematic diagram



Mounting on the control cabinet

Schematic diagram

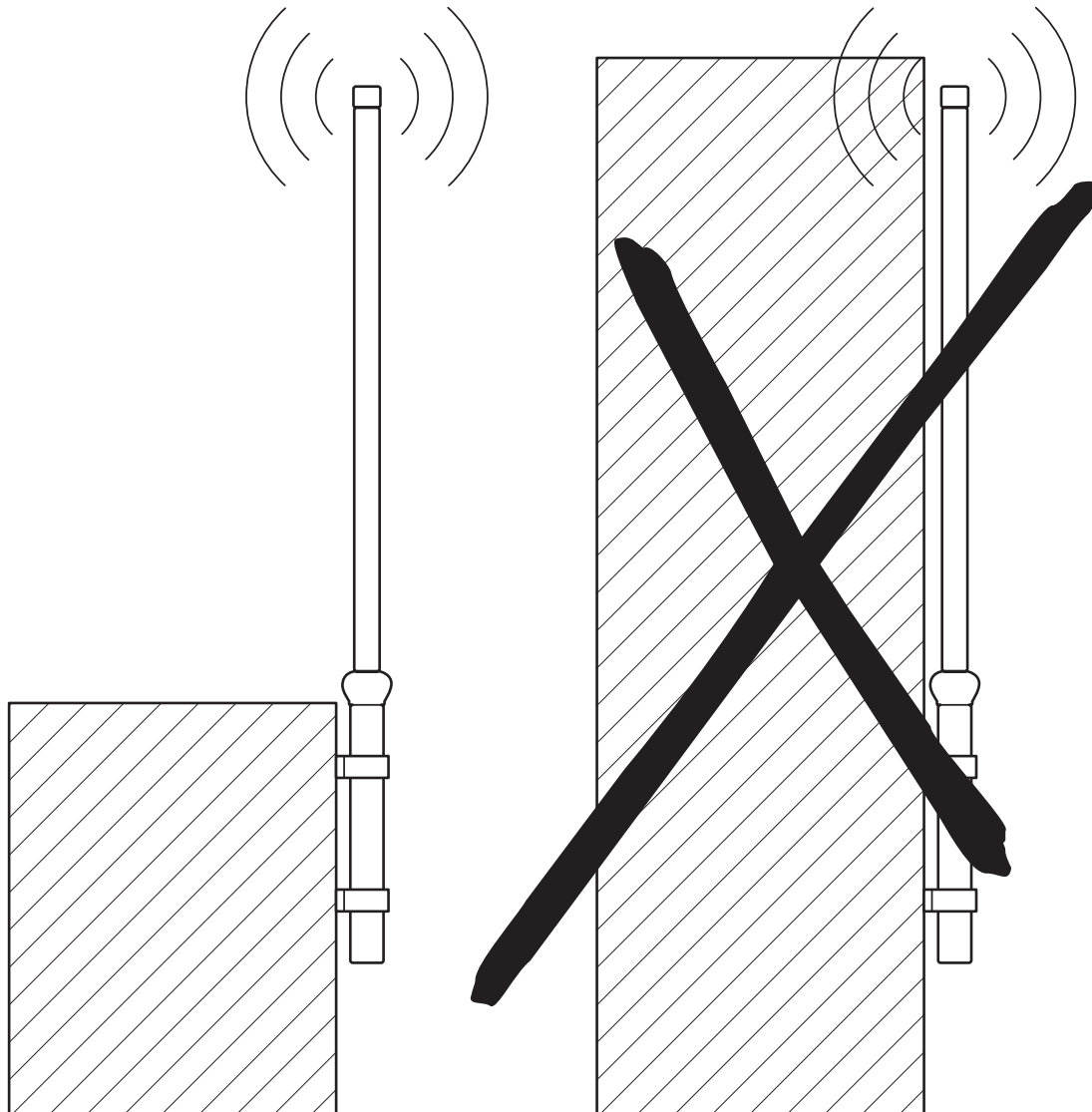


Mounting on the control cabinet

2701362

<https://www.phoenixcontact.com/gb/products/2701362>

Schematic diagram



Classifications

ECLASS

ECLASS-11.0	19070105
ECLASS-12.0	19070105
ECLASS-13.0	19070105

ETIM

ETIM 9.0	EC001698
----------	----------

UNSPSC

UNSPSC 21.0	43223100
-------------	----------

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
China RoHS	
Environment friendly use period (EFUP)	EFUP-25
	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	2dd8bac9-1de0-467b-b35e-76e19d7c0951