INDUSTRIAL COMPONENT DATA

ANT-OMNI-868-01 2702136 PHOENIX CONTACT Antenna

Brand: PHOENIX CONTACT | Manufacturer Part Number: ANT-OMNI-868-01



Manufacturer	PHOENIX CONTACT
MPN / Reference	ANT-OMNI-868-01
Catalog number	2702136
Category	Wireless antenna
Minimum order	1 Pcs
Document ID	EO-0BA0DE494F
Generated	2026-11-19

Product Overview

Antenna
Omnidirectional antenna for pole or wall mounting, 868 MHz, gain: 4 dBi, protection rating: IP67, seawater resistant, connection: N (female), incl. mounting brackets and pole clamps, ATEX and IECEx approval

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Safety

Additional Product Information

Key Commercial Data
Orderkey 2702136
Packing unit 1 pc
Catalog page Page 474 (C-6-2017)
GTIN 4046356995863
Weight per Piece (excluding packing) 285.000 g
Custom tariff number 85177000
Country of origin TW (Taiwan)
Dimensions
Height 620 mm
Diameter 20 mm
Ambient conditions
Degree of protection IP67
Ambient temperature (operation) -40 °C ... 75 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C
General
Frequency range 868 MHz
868 MHz ... 870 MHz
Horizontal beamwidth 360 °
Vertical beamwidth 30 °
Polarization Linear vertical
Impedance 50 ?
Gain 4 dBi
Connection method N (female)
Conformance CE-compliant
ATEX ? II 1G Ex ia IIC T6 Ga
IECEx Ex ia IIC T6 Ga
Material Fiberglass-reinforced plastic (Antenna housing)
Fiberglass-reinforced plastic (Bracket)
V2A (U-shaped screw)
Mounting type Mast mounting or wall mounting
External diameter 30 mm ... 45 mm (Mast)
Standards and Regulations
Standards/regulations EN 60079-0
EN 60079-11
EN 60079-26
Conformance CE-compliant
ATEX ? II 1G Ex ia IIC T6 Ga
IECEx Ex ia IIC T6 Ga
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlimited = EFUP-e
No hazardous substances above threshold values
Classifications
eCl@ss 5.119070100eCl@ss 6.019070100eCl@ss 7.019070102eCl@ss 8.019070102eCl@ss 9.019070102
ETIM 4.0EC000416ETIM 5.0EC000416ETIM 6.0EC000416

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ANT-OMNI-868-01 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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