

FL RUGGED BOX OMNI-2 - Control box



2701439

<https://www.phoenixcontact.com/us/products/2701439>

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.



Control box set for constructing wireless systems for industrial applications, incl. three 2.4/5 GHz omnidirectional antennas that can be directly screwed on, IP66, with DIN rail, plugs, and screw connections, with 100 V ... 240 V power supply unit, without devices

Commercial data

Item number	2701439
Packing unit	1 pc
Sales key	DN23
Product key	DNN2WZ
GTIN	4046356752190
Weight per piece (including packing)	2,083.4 g
Weight per piece (excluding packing)	2,043.2 g
Customs tariff number	85177100
Country of origin	DE

FL RUGGED BOX OMNI-2 - Control box



2701439

<https://www.phoenixcontact.com/us/products/2701439>

Set consists of

ANT-OMNI-2459-02 - Antenna

2701408

<https://www.phoenixcontact.com/us/products/2701408>



Omnidirectional antenna for control cabinet mounting, frequency band: 2.4 GHz / 5 GHz, gain: 2.5 dBi / 5 dBi, degree of protection: IP68, connection: N (male)

RAD-PIG-EF316-N-RSMA - Coaxial cable

2701402

<https://www.phoenixcontact.com/us/products/2701402>



Antenna cable for control cabinet feed-through, outside diameter: 3.2 mm, inner conductor: flexible, attenuation: 0.6/0.9/1.4 dB at 0.9/2.4/5.8 GHz, N (female) -> RSMA (male), cable length: 0.5 m, technically improved successor item available: item number 1340129

FL RUGGED BOX OMNI-2 - Control box

2701439

<https://www.phoenixcontact.com/us/products/2701439>



STEP-PS/ 1AC/24DC/0.5 - Power supply

2868596

<https://www.phoenixcontact.com/us/products/2868596>

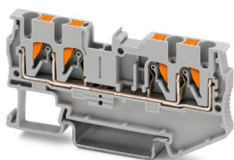


Primary-switched STEP POWER power supply for DIN rail and direct mounting, input: 1-phase, output: 24 V DC/0.5 A

PT 2,5-QUATTRO - Feed-through terminal block

3209578

<https://www.phoenixcontact.com/us/products/3209578>



Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 4, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

FL RUGGED BOX OMNI-2 - Control box

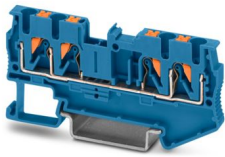
2701439

<https://www.phoenixcontact.com/us/products/2701439>

PT 2,5-QUATTRO BU - Feed-through terminal block

3209581

<https://www.phoenixcontact.com/us/products/3209581>

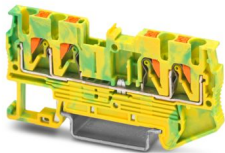


Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 4, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: blue

PT 2,5-QUATTRO-PE - Protective conductor terminal block

3209594

<https://www.phoenixcontact.com/us/products/3209594>



Protective conductor terminal block, number of connections: 4, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: green-yellow

FL RUGGED BOX OMNI-2 - Control box



2701439

<https://www.phoenixcontact.com/us/products/2701439>

VS-08-RJ45-5-Q/IP20 - RJ45 connector

1656725

<https://www.phoenixcontact.com/us/products/1656725>



RJ45 connector, design: RJ45, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5, material: Plastic, connection method: Insulation displacement connection, connection cross section: AWG 26- 23, cable outlet: straight, color: traffic gray A RAL 7042, Ethernet

FL RUGGED BOX OMNI-2 - Control box



2701439

<https://www.phoenixcontact.com/us/products/2701439>

Technical data

Product properties

Product type	Control box
--------------	-------------

Dimensions

Width	174 mm
Height	254 mm
Depth	137 mm

Material specifications

Housing material	PC
------------------	----

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
----------------------	------

FL RUGGED BOX OMNI-2 - Control box



2701439

<https://www.phoenixcontact.com/us/products/2701439>

Classifications

UNSPSC

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

2701439

<https://www.phoenixcontact.com/us/products/2701439>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(b)-II, 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	aa51d031-266c-49db-b8fe-f73e95c32d79

Phoenix Contact 2026 © - 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