

FL RUGGED BOX OMNI-2 - Control box



2701439

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

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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
Minimum order quantity	1 pc
Sales key	DN23
Product key	DNN2WZ
Catalog page	Page 394 (C-6-2019)
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

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Set consists of

ANT-OMNI-2459-02 - Antenna

2701408

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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 - Antenna cable

2701402

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Antenna cable for control cabinet feed-through, outside diameter: 3.2 mm (0.126 in.), inner conductor: stranded, attenuation: 0.6 / 0.9 / 1.4 dB at 0.9 / 2.4 / 5.8 GHz, connection: N (female) -> RSMA (male), cable length: 0.5 m (1.6 ft.)

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

2868596

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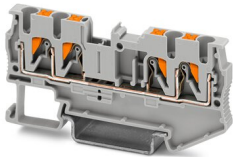


Primary-switched STEP POWER power supply for DIN rail and direct mounting, input: 1-phase, output: 24 V DC/0.5 A

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

3209578

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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

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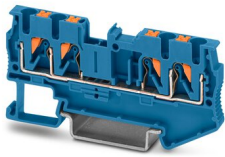
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PT 2,5-QUATTRO BU - Feed-through terminal block

3209581

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

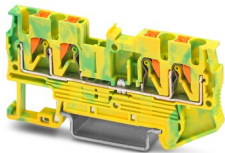


Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 4, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: blue

PT 2,5-QUATTRO-PE - Ground terminal

3209594

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



Ground terminal, 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

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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 grey A RAL 7042, Ethernet

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Technical data

Product properties

Product type	Control box
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Dimensions

Width	174 mm
Height	254 mm
Depth	137 mm

Material specifications

Housing material	Polycarbonate
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
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Approvals

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EAC

Approval ID: RU*DE*08.B.00731/19

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Classifications

ECLASS

ECLASS-11.0	27180590
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ETIM

ETIM 8.0	EC000261
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UNSPSC

UNSPSC 21.0	31261500
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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