

Control box - FL RUGGED BOX OMNI-2 - 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 ... 240 V power supply unit, without devices

Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	1800.0 g
Custom tariff number	85177011
Country of origin	Germany

Technical data

Dimensions

Width	174 mm
Height	254 mm
Depth	137 mm

Ambient conditions

Degree of protection	IP66
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Wireless set	Control box (with bore holes incl. sealing plugs, screw connections, and DIN rail), 3 omnidirectional antennas incl. antenna cable and RJ45 plug, power supply unit for 100 ... 240 V AC, and terminal block base
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General

Housing material	Polycarbonate
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Articles in set

Antenna - ANT-OMNI-2459-02 - 2701408



Omnidirectional antenna, 2.4 GHz/5 GHz, 2.5/5 dBi gain, linear vertical polarization, opening angle 2.4 GHz h/v 360°/30°, 5 GHz h/v 360°/16°, N (male), IP68; matching cable with panel feed-through Order No. 2701402

Antenna cable - RAD-PIG-EF316-N-RSMA - 2701402



Adapter cable as control cabinet feed-through, N (female) -> RSMA (male), impedance: 50 Ω , length: 0.5 m

Power supply unit - STEP-PS/ 1AC/24DC/0.5 - 2868596



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

Feed-through terminal block - PT 2,5-QUATTRO - 3209578



Feed-through terminal block, Connection method: Push-in connection, Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Width: 5.2 mm, Height: 35.3 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

Feed-through terminal block - PT 2,5-QUATTRO BU - 3209581



Feed-through terminal block, Connection method: Push-in connection, Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Width: 5.2 mm, Height: 35.3 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

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Articles in set

Ground modular terminal block - PT 2,5-QUATTRO-PE - 3209594



Ground modular terminal block, Connection method: Push-in connection, Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Width: 5.2 mm, Height: 35.3 mm, Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15

RJ45 connector - VS-08-RJ45-5-Q/IP20 - 1656725



RJ45 connector, Degree of protection: IP20, Number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), Material: PA, Connection method: IDC fast connection, Connection cross section: AWG 26-23, Cable exit: straight

Classifications

eCl@ss

eCl@ss 4.0	27240409
eCl@ss 4.1	24010504
eCl@ss 5.0	19030112
eCl@ss 5.1	27242208
eCl@ss 6.0	27242208
eCl@ss 7.0	27242208
eCl@ss 8.0	27180190

ETIM

ETIM 3.0	EC001423
ETIM 4.0	EC001423
ETIM 5.0	EC000261

UNSPSC

UNSPSC 6.01	43172710
UNSPSC 7.0901	43223108
UNSPSC 11	43172710
UNSPSC 12.01	43223108
UNSPSC 13.2	43223108

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Approvals

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EAC

Ex Approvals

Approvals submitted

Approval details

EAC
