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

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 752190
GTIN	4046356752190
Weight per Piece (excluding packing)	1,800.000 g
Custom tariff number	85177000
Country of origin	Germany

Technical data

Dimensions

Width	174 mm
Height	254 mm
Depth	137 mm

Ambient conditions

Degree of protection	IP66

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

General

Housing material	Polycarbonate

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Technical data

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Articles in set

Antenna - ANT-OMNI-2459-02 - 2701408

Omnidirectional antenna, 2.4 GHz/5 GHz, gain: 2.5 dBi/5 dBi, polarization: linear, opening angle: h/v 360°/30°/16°, degree of protection: IP68, connection: N (male), corresponding connecting cable for control cabinet feed-through (Order No. 2701402)

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

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.)

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, nom. voltage: 800 V, nominal current: 24 A, connection method: Push-in connection, number of connections: 4, 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

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Articles in set

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

Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, connection method: Push-in connection, number of connections: 4, 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

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

Ground modular terminal block, connection method: Push-in connection, number of connections: 4, 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 outlet: straight, color: traffic grey A RAL 7042, Ethernet

Classifications

eCl@ss

eCl@ss 10.0.1	27180590
eCl@ss 11.0	27180590
eCl@ss 4.0	27240400
eCl@ss 4.1	24010500
eCl@ss 5.0	19030100
eCl@ss 5.1	27180100
eCl@ss 6.0	27180100
eCl@ss 7.0	27180190
eCl@ss 9.0	27180590

ETIM

ETIM 3.0	EC001423
ETIM 4.0	EC001423

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Classifications

ETIM

ETIM 6.0	EC000261
ETIM 7.0	EC000261

UNSPSC

UNSPSC 6.01	43172710
UNSPSC 7.0901	43223108
UNSPSC 11	43172710
UNSPSC 12.01	43223108
UNSPSC 13.2	31261502
UNSPSC 19.0	31261502

Approvals

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EAC

Ex Approvals

Approval details

EAC	EAC	RU*DE*08.B.00731/19