

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 IP65 omnidirectional antennas that can be directly screwed on, 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 GRM
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, 50 cm pigtail, N (female) -> RSMA (male), 50 Ω impedance

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, IP20, CAT5e, 8-pos., with QUICKON fast connection technology, for 26 ... 23 AWG 1-wire and 7-wire conductors, for 4.5 mm ... 8.0 mm cable diameter, labeling: TIA 568 B, color: gray

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	27242208

ETIM

ETIM 3.0	EC001423
ETIM 4.0	EC001423
ETIM 5.0	EC001423

UNSPSC

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

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Accessories

Accessories

Mounting material

Mounting material - FL RUGGED BOX POLE SET - 2701205



Set for mast mounting of the FL RUGGED BOX housing, incl. screw clamps for masts up to 89 mm #

WLAN Ethernet device

Wireless module - FL WLAN 5100 - 2700718



WLAN access point, client, WLAN 802.11 a, b, g, n, frequency 2.4 GHz, 5 GHz, IP20, connections: Combicon for 10 ...36 V DC, 2x RJ45 for LAN, central cluster management, WBM, 802.11i: WPA2, WPA-PSK, TKIP, AES, connections for 3 antennas (MIMO technology)