

Control box - FL RUGGED BOX OMNI-1 - 2701430


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



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 750431
GTIN	4046356750431

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 for field assembly
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General

Housing material	Polycarbonate
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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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.)

Classifications

eCl@ss

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 8.0	27180190
eCl@ss 9.0	27180590

ETIM

ETIM 3.0	EC001423
ETIM 4.0	EC001423
ETIM 5.0	EC002499
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

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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 a diameter of 89 mm

WLAN Ethernet device

Wireless module - FL WLAN 5100 - 2700718



ALTERNATIVE- ARTICLE: FL WLAN 5110 (1043193)

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

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