

Wireless elements - PSD-S MUX SET/UL - 2701566

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Wireless multiplexer set with C-UL-US approval for mirroring the status of a signal tower to one other signal tower; set consists of a master with external antenna and a slave with internal antenna, 24 V AC/DC, black

Your advantages

- ✔ Existing signal towers can be extended without additional wiring
- ✔ Can be operated parallel to other wireless applications
- ✔ Range of a wireless element with a free line of sight of up to 300 m



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 801966
GTIN	4046356801966

Technical data

Dimensions

Diameter	70 mm
Height	65.5 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Degree of protection	IP65, when installed or with cover

General

Material	Polycarbonate PC
Color	black
Weight	184 g
Mounting position	The master and slave are the bottom element in the signal tower
Assembly instructions	Rubber seal pre-installed for each element
Number of mountable signal elements	4 (on both master and slave)

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Technical data

Master

Interfaces	USB, for configuration
Operating voltage	24 V DC (pos. + neg. logic)
Maximum inrush current	430 mA
Current consumption	max. 40 mA (internal current consumption)
	max. 860 mA (total current of the elements above the master)

Slave

Interfaces	USB, for configuration
Operating voltage	24 V AC/DC
Maximum inrush current	430 mA
Current consumption	max. 40 mA

Wireless interface

Modulation type	2 FSK
Frequency	913 MHz
Transmission power	10 dBm (at 50 Ohm)
Range	max. 300 m
Transmission speed	38.4 kbps

Approvals / conformities

Electromagnetic compatibility	Conforms with guidelines: FCC Part 15.249/IC: RSS-210 Issue 8, RSS-GEN Issue 4, RSS-102 Issue 4
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Standards and Regulations

Electromagnetic compatibility	Conforms with guidelines: FCC Part 15.249/IC: RSS-210 Issue 8, RSS-GEN Issue 4, RSS-102 Issue 4
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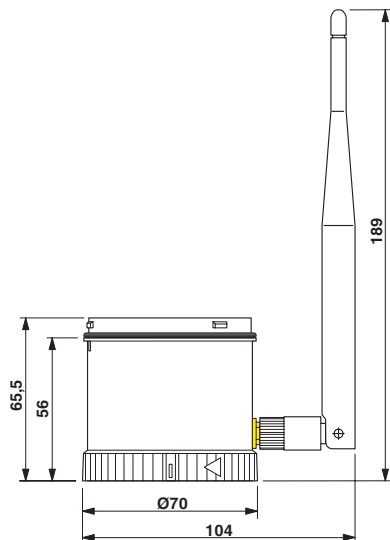
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

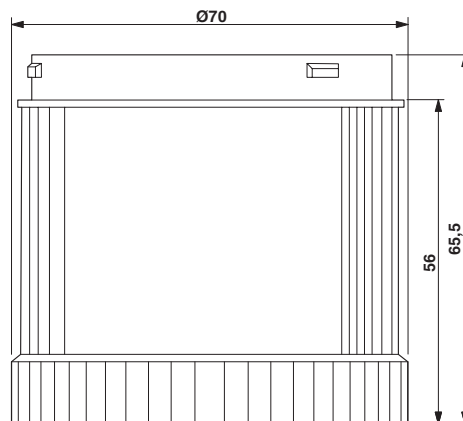
Drawings

Wireless elements - PSD-S MUX SET/UL - 2701566

Dimensional drawing



Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	27240208
eCl@ss 4.1	27240208
eCl@ss 5.0	27371214
eCl@ss 5.1	27371214
eCl@ss 6.0	27371214
eCl@ss 7.0	27371214

ETIM

ETIM 3.0	EC001026
ETIM 4.0	EC001152

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	39121311
UNSPSC 12.01	39121311
UNSPSC 13.2	39121311

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