



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



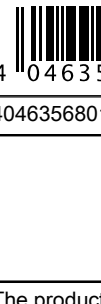
Wireless multiplexer set with C-UL-US approval for mirroring the status of a signal tower to one other signal tower; set consists of a master with external antenna and a slave with internal antenna, 24 V AC/DC, black

### Why buy this product

- 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

RoHS

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 801966
GTIN	4046356801966

### Technical data

#### Note

Trade restriction	The products are offered exclusively for export outside the EU and the European Economic Area.
-------------------	--

#### 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

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

## Technical data

### General

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)

### Master

Interfaces	USB, for configuration
Operating voltage	24 V DC (pos. + neg. logic)
Maximum inrush current	430 mA
Current consumption	max. 40 mA (Own 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 band	915 MHz ISM band
Transmission power	10 dBm (at 50 Ohm)
Range	300 m, maximum
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
-------------------------------	---

### 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
-------------------------------	---

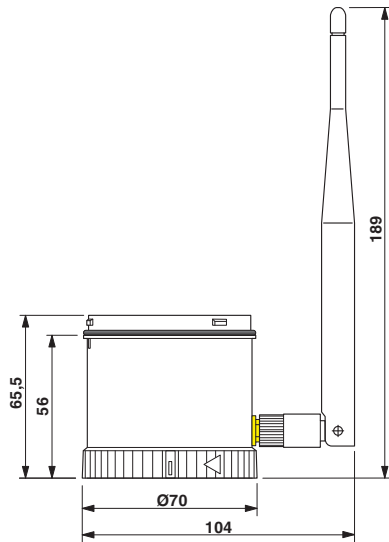
### Environmental Product Compliance

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

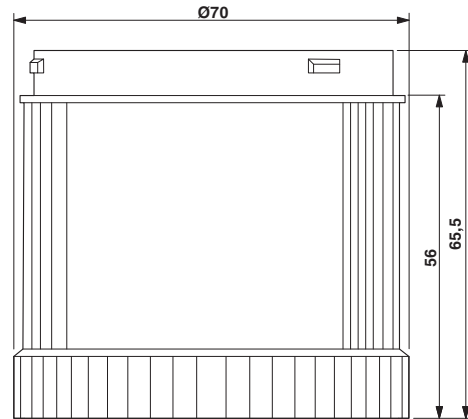
## Drawings

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

Dimensional drawing



Dimensional drawing



Slave

Master

---

Phoenix Contact 2017 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>