

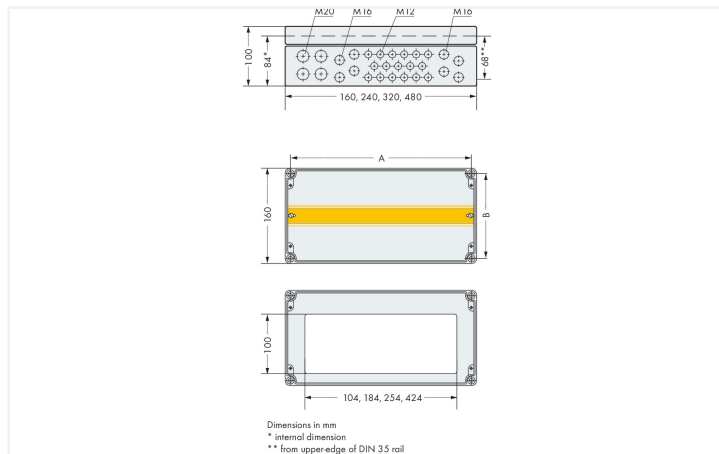
## Data Sheet | Item Number: 850-828

IP65 enclosure; Aluminium (RAL 7032); WxHxD (480x100x160 mm); 4 x M20, 10 x M16, 35 x M12 cable grip

<https://www.wago.com/850-828>



Similar to illustration



Dimensions in mm

### Included:

- Aluminum enclosure, G AL Si 12 alloy / DIN 1725
- Stainless steel cover screws, captive
- Inspection glass, incl. attachment panel for customer marking (marking not included in scope of supply)
- Mounting holes (4 mounting channels located outside the sealed enclosure)
- Metric cable grips (brass, nickel-plated), **incl. filler plugs**
  - M12 cable grip, cable diameter 3 ... 6 mm
  - M16 cable grip, cable diameter 5 ... 9 mm
  - M20 cable grip, cable diameter 9 ... 13 mm
- 1 x DIN-35/7.5 rail
- Tongue and groove system, seal with groove in enclosure cover
- Oil and petroleum-resistant neoprene round cord seal
- Grounding link in enclosure
- Pebble gray, RAL 7032
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- The "number of I/O modules" also takes fieldbus couplers and bus end modules into account.
- This applies to 12 mm wide I/O modules. 24 mm wide I/O modules count as two I/O modules.

### Technical data

Number of I/O modules	31
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### Physical data

Width	480 mm / 18.898 inches
Height	100 mm / 3.937 inches
Depth	160 mm / 6.299 inches
Panel cutout (W x H)	(462 x 142) mm

**Mechanical data**

Cable bushings (number)	35
Cable bushings (type)	M12 (3 ... 6 mm cable diameter)
Cable bushings (number) (2)	10
Cable bushings (type) (2)	M16 (5 ... 9 mm cable diameter)
Cable bushings (number) (3)	4
Cable bushings (type) (3)	M20 (9 ... 13 mm cable diameter)

**Material data**

Fire load	0 MJ
Weight	4725 g

**Environmental requirements**

Protection type	IP65
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**Commercial data**

Product Group	15 (I/O System)
eCl@ss 10.0	27-14-24-18
eCl@ss 9.0	27-14-24-18
ETIM 8.0	EC000262
ETIM 7.0	EC000262
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4017332819589
Customs tariff number	8538100000

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Downloads**

**Environmental Product Compliance**

<b>Compliance Search</b>	
Environmental Product Compliance 850-828	<a href="#">↓</a>

**Documentation**

System Description		Bid Text			
IP65 System Housing	pdf 163.66 KB	850-828	19.02.2019	xml 4.50 KB	<a href="#">↓</a>
		850-828	09.10.2017	doc 31.50 KB	<a href="#">↓</a>

## CAD/CAE-Data

### CAE data

EPLAN Data Portal  
850-828



WSCAD Universe  
850-828



## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Installation

##### 1.1.1.1 Mounting accessories



##### Item No.: 850-903

Pole mounting; 4 clamping brackets; 2 molded rails and 4 clamping profiles in sheet steel; 2 tightening straps in stainless steel