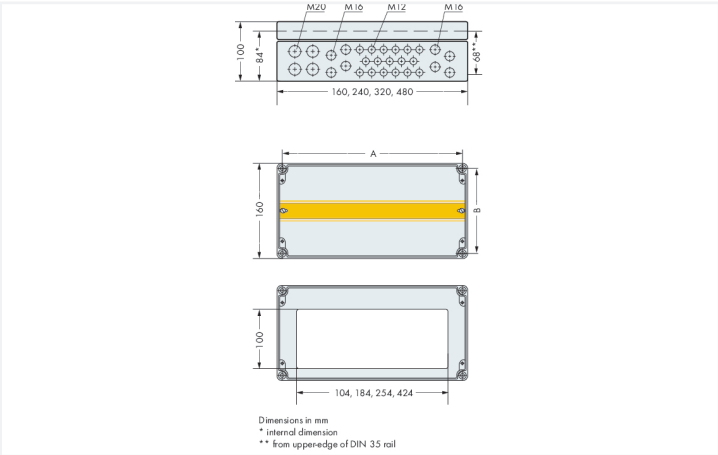
Data Sheet | Item Number: 850-827

IP65 enclosure; Aluminium (RAL 7032); WxHxD (320x100x160 mm); 4 x M20, 8 x M16, 17 x M12 cable grip

https://www.wago.com/850-827





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

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	18
Cable bushings (number)	17
Cable bushings (type)	M12 (3 … 6 mm cable diameter)
Cable bushings (number) (2)	8
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)

Physical data

Width	320 mm / 12.598 inches
Height	100 mm / 3.937 inches
Depth	160 mm / 6.299 inches
Panel cutout (W x H)	(302 x 142) mm

Mechanical data

Weight	3041.3 g

Environmental requirements

Protection type	IP65

Commercial data

Product Group	15 (I/O System)
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4017332819428
Customs tariff number	85381000000

Product Classification

UNSPSC	39121324
eCl@ss 10.0	27-14-24-18
eCl@ss 9.0	27-14-24-18
ETIM 9.0	EC000261
ETIM 10.0	EC000261
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 850-827

Continued on next page

Documentation

System Description

IP65 System Housing	pdf 163.66 KB	

Bid Text

850-827	19.02.2019	xml 4.50 KB
850-827	09.10.2017	doc 31.50 KB

CAD/CAE-Data

CAE data

EPLAN Data Portal 850-827	
WSCAD Universe 850-827	

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