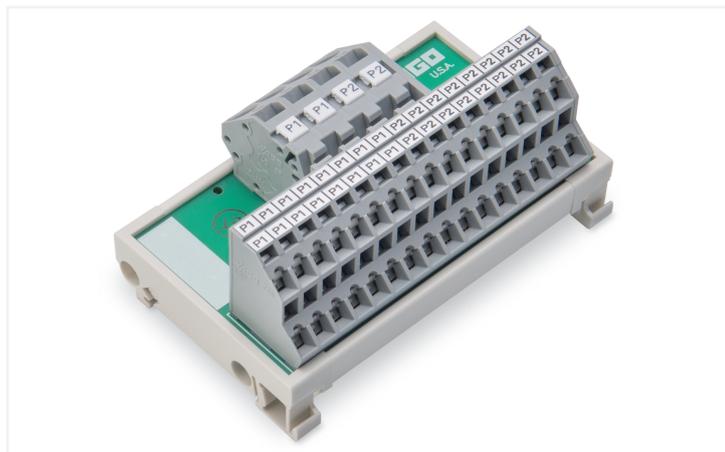


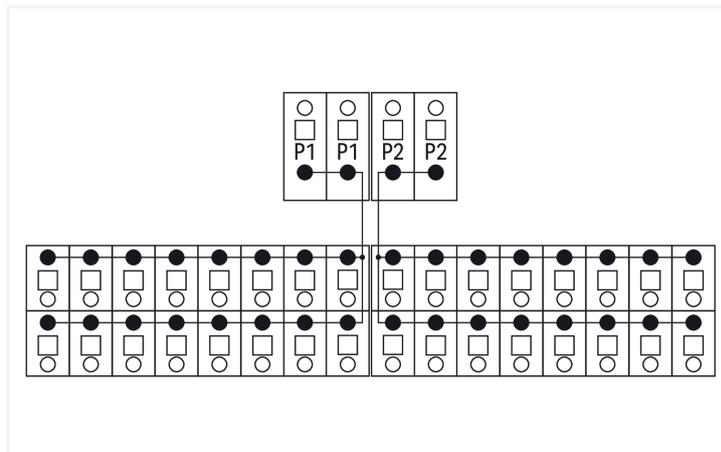
## Data Sheet | Item Number: 830-800/000-307

Potential distribution module; 2 potentials; with 2 input clamping points each; Conductor cross-section up to 6 mm<sup>2</sup>; with 16 output clamping points each; Conductor cross-section up to 2.5 mm<sup>2</sup>; gray

<https://www.wago.com/830-800/000-307>



Color: ■ gray



### Electrical data

Operating voltage	≤ 250 VAC/VDC
Current per connection (max.)	10 A
Total current per potential (max.)	30 A
Specialty functions	with 2 input connection points each; with 16 output connection points each

### Connection data

Total number of potentials	2
Note (conductor cross-section)	12 AWG: THHN, THWN

#### Connection 1

Connection type	Input
Mating direction	45°
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 745 Series
Solid conductor	0.2 ... 6 mm <sup>2</sup> / 24 ... 10 AWG
Fine-stranded conductor	0.2 ... 6 mm <sup>2</sup> / 24 ... 10 AWG
Strip length	11 ... 12 mm / 0.43 ... 0.47 inches

#### Connection 2

Connection type	Output
Mating direction 2	vertical
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 736 Series
Solid conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 inches

**Physical data**

Width	89 mm / 3.51 inches
Height	55 mm / 2.17 inches
Depth from upper-edge of DIN-rail	38 mm / 1.47 inches

**Mechanical data**

Mounting type	DIN-35 rail
Housing design	Mounting carrier

**Material data**

Color	gray
Fire load	0.872 MJ
Weight	118.9 g

**Environmental requirements**

Ambient temperature (operation)	-20 ... +50 °C
Relative humidity	≤ 95 % (without condensation)

**Standards and specifications**

Standards/specifications	cULus 61010-2-201
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**Commercial data**

PU (SPU)	6 (1) pcs
Packaging type	Box
Country of origin	US
GTIN	4055143379342
Customs tariff number	85369010000

**Product classification**

UNSPSC	39121410
eCl@ss 10.0	27-14-11-52
eCl@ss 9.0	27-14-11-52
ETIM 9.0	EC002780
ETIM 8.0	EC002780
ECCN	EAR99

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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## Approvals / Certificates

### General approvals



Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03084

### Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

## Downloads

### Environmental Product Compliance

#### Compliance Search

Environmental Product  
Compliance  
830-800/000-307



## Documentation

### Bid Text

830-800/000-307	01.07.2019	docx 15.45 KB	
830-800/000-307	19.02.2019	xml 3.65 KB	

## CAD/CAE-Data

### CAD data

2D/3D Models  
830-800/000-307



### CAE data

EPLAN Data Portal  
830-800/000-307



ZUKEN Portal  
830-800/000-307



## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Ferrule

##### 1.1.1.1 Ferrule



##### Item No.: 216-262

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; in-  
sulated; electro-tin plated; electrolytic  
copper; gastight crimped; acc. to DIN  
46228, Part 4/09.90; gray



##### Item No.: 216-263

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insu-  
lated; electro-tin plated; electrolytic cop-  
per; gastight crimped; acc. to DIN 46228,  
Part 4/09.90; red



##### Item No.: 216-264

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; in-  
sulated; electro-tin plated; electrolytic  
copper; gastight crimped; acc. to DIN  
46228, Part 4/09.90; black



##### Item No.: 216-284

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; in-  
sulated; electro-tin plated; electrolytic  
copper; gastight crimped; acc. to DIN  
46228, Part 4/09.90; black

1.1.1.1 Ferrule



**Item No.: 216-266**

Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

**Item No.: 216-286**

Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

**Item No.: 216-267**

Ferrule; Sleeve for 4 mm<sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

**Item No.: 216-287**

Ferrule; Sleeve for 4 mm<sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

1.1.2 Marking

1.1.2.1 Marker



**Item No.: 2009-145**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

**Item No.: 248-501**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

**Item No.: 793-5501**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white

**Item No.: 793-501**

WMB marking card; as card; not stretchable; plain; snap-on type; white



**Item No.: 2009-115**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

1.1.2.2 Marking strip



**Item No.: 709-196**

Marking strips; for laser printer; translucent

**Item No.: 210-831**

Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white

**Item No.: 210-832**

Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white

**Item No.: 709-177**

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



**Item No.: 709-178**

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

1.1.3 Tool

1.1.3.1 Operating tool



**Item No.: 210-720**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

**Item No.: 210-721**

Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft; multicoloured