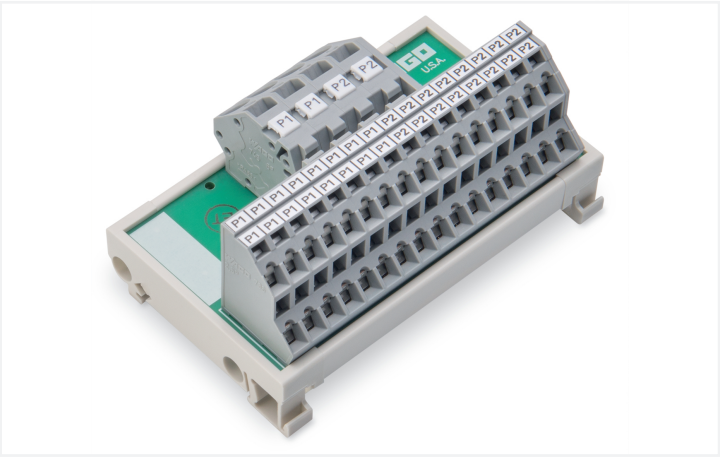
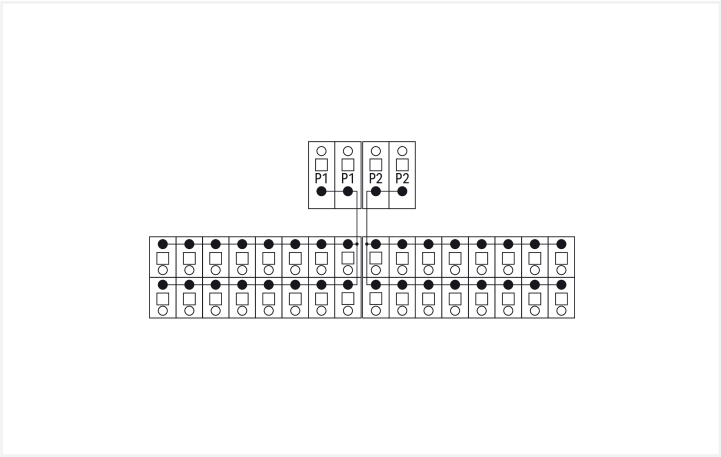
# Data Sheet | Item Number: 830-800/000-307

Potential distribution module; 2 potentials; with 2 input clamping points each; Conductor cross-section up to 6 mm²; with 16 output clamping points each; Conductor cross-section up to 2.5 mm²; 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 mm² / 24 … 10 AWG |
| Fine-stranded conductor | 0.2 … 6 mm² / 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 mm² / 28 … 12 AWG |
| Fine-stranded conductor | 0.08 … 2.5 mm² / 28 … 12 AWG |
| Strip length | 5 … 6 mm / 0.2 … 0.24 inches |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## 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 | 0.785 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 |

## 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 10.0 | 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<br>GZO Almaty Standart | TP TC 004/2011 | EAC CoC 03084 |

### Declarations of conformity and manufacturer's declarations

| Approval | Standard | Certificate Name |
|---|---|---|
| EU-Declaration of Conformity<br>WAGO GmbH & Co. KG | - | - |
| UK-Declaration of Conformity<br>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<br>15.45 KB |
| 830-800/000-307 | 19.02.2019 | xml<br>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 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



Item No.: 216-263
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



Item No.: 216-264
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black



Item No.: 216-266
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue


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### 1.1.1.1 Ferrule



Item No.: 216-267
Ferrule; Sleeve for 4 mm² / 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.: 210-831
Marking strips; 25 m on roll; 2.3 mm wide; plain; Self-adhesive; white



Item No.: 210-832
Marking strips; 25 m on roll; 3 mm wide; plain; Self-adhesive; white



Item No.: 709-177
Marking strips; 50 m on roll; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



Item No.: 709-178
Marking strips; 50 m on roll; 7.5 mm wide; not stretchable; plain; snap-on type; white



Item No.: 709-196
Marking strips; for laser printer; translucent

## 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