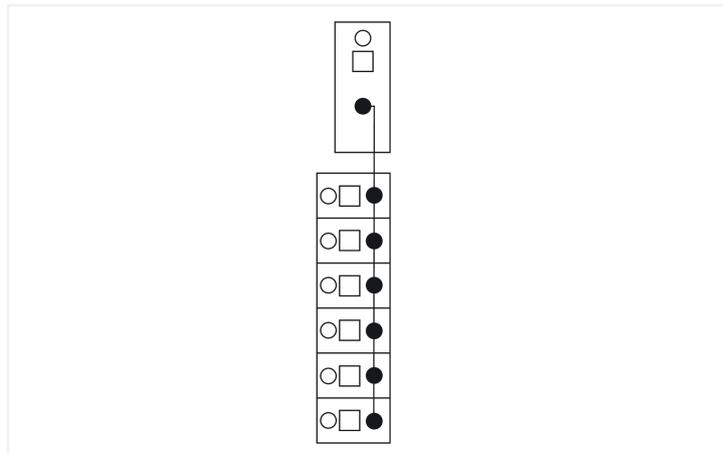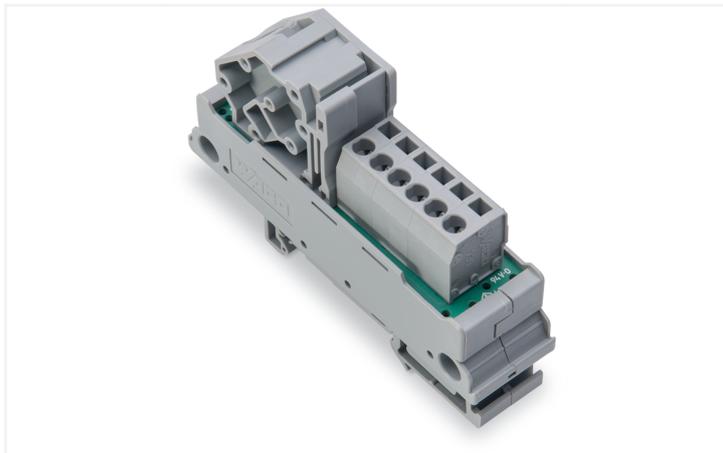# Data Sheet | Item Number: 830-800/000-302

**Potential distribution module; 1 potential; with 1 input clamping point; Conductor cross-section up to 16 mm²; with 6 output clamping points; Conductor cross-section up to 2.5 mm²; gray**

Color: ◼ gray

## Electrical data

| | |
|---|---|
| Operating voltage | ≤ 250 VAC/VDC |
| Current per connection (max.) | 12 A |
| Total current per potential (max.) | 65 A |
| Specialty functions | with 1 input connection point; with 6 output connection points |

## Connection data

| | |
|---|---|
| Total number of potentials | 1 |
| 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 … 16 mm² / 24 … 6 AWG |
| Fine-stranded conductor | 0.2 … 16 mm² / 24 … 6 AWG |
| Strip length | 11 … 12 mm / 0.43 … 0.47 inches |

### Connection 2

| | |
|---|---|
| Connection type | Output |
| Mating direction 2 | 45° |
| Connection technology | CAGE CLAMP® |
| WAGO connector | WAGO 739 Series |
| Solid conductor | 0.08 … 2.5 mm² / 28 … 12 AWG |
| Fine-stranded conductor | 0.08 … 2.5 mm² / 28 … 12 AWG |
| Strip length | 8 … 9 mm / 0.31 … 0.35 inches |

## Physical data

| | |
|---|---|
| Width | 21 mm / 0.81 inches |
| Height | 85 mm / 3.35 inches |
| Depth from upper-edge of DIN-rail | 49 mm / 3.35 inches |

## Mechanical data

| | |
|---|---|
| Mounting type | DIN-35 rail |
| Housing design | Mounting carrier |

## Material data

| | |
|---|---|
| Color | gray |
| Fire load | 0.832 MJ |
| Weight | 51 g |

## Environmental requirements

| | |
|---|---|
| Ambient temperature (operation) | -20 … +50 ℃ |
| Relative humidity | ≤ 95 % (without condensation) |

## Standards and specifications

| | |
|---|---|
| Standards/specifications | cULus 61010-2-201 |

## Commercial data

| | |
|---|---|
| PU (SPU) | 10 (1) pcs |
| Packaging type | Box |
| Country of origin | US |
| GTIN | 4055143375993 |
| 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 |

## 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<br>830-800/000-302 | ↓ |

### Documentation

**Bid Text**

| | | | |
|---|---|---|---|
| 830-800/000-302 | 01.07.2019 | docx<br>15.32 KB | ↓ |
| 830-800/000-302 | 19.02.2019 | xml<br>3.64 KB | ↓ |

### CAD/CAE-Data

**CAD data**

| | |
|---|---|
| 2D/3D Models<br>830-800/000-302 | ↓ |

**CAE data**

| | |
|---|---|
| EPLAN Data Portal<br>830-800/000-302 | ↓ |
| ZUKEN Portal<br>830-800/000-302 | ↓ |

## 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.: 216-284**
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

**WAGO**

## 1.1.1.1 Ferrule

**Item No.: 216-289**
Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red

**Item No.: 216-209**
Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; red

**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

**Item No.: 216-286**
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

**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

**Item No.: 216-287**
Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

**Item No.: 216-208**
Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow

**Item No.: 216-288**
Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow

## 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

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at:: www.wago.com