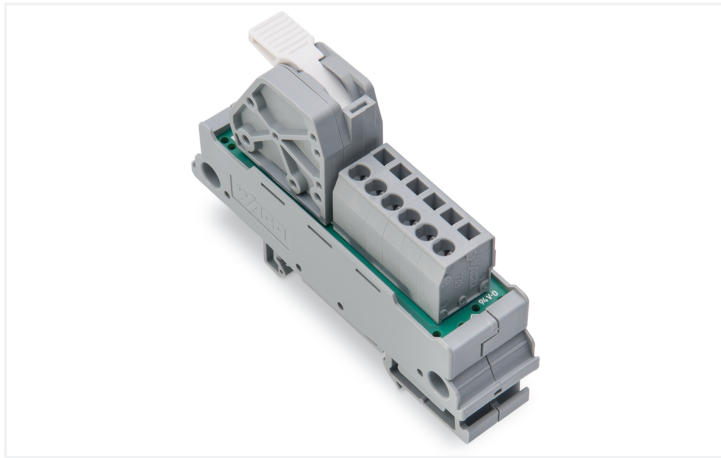


**Data Sheet | Item Number: 830-800/000-312/000-006**

Potential distribution module; 1 potential; with 1 input clamping point; Conductor cross-section up to 16 mm<sup>2</sup>; with lever; with 6 output clamping points; Conductor cross-section up to 2.5 mm<sup>2</sup>; blue

<https://www.wago.com/830-800/000-312/000-006>



Color: ■ blue

Similar to illustration

## 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        | 30°                                 |
| Actuation type          | Lever                               |
| Connection technology   | CAGE CLAMP®                         |
| WAGO connector          | WAGO 2716 Series                    |
| Solid conductor         | 1.5 ... 16 mm² / 16 ... 6 AWG       |
| Fine-stranded conductor | 1.5 ... 16 mm² / 16 ... 6 AWG       |
| Strip length            | 12 ... 13 mm / 0.47 ... 0.51 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 / 1.929 inches          |
| Mechanical data                   |  |                               |
| Mounting type                     |  | DIN-35 rail                   |
| Housing design                    |  | Mounting carrier              |
| Material data                     |  |                               |
| Color                             |  | blue                          |
| Fire load                         |  | 0.702 MJ                      |
| Weight                            |  | 40.5 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)                          |  | 10 (1) pcs                    |
| Packaging type                    |  | Box                           |
| Country of origin                 |  | US                            |
| GTIN                              |  | 4055143379373                 |
| 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        |



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 Confor-<br>mity<br>WAGO GmbH & Co. KG | -        | -                |
| UK-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG | -        | -                |

Downloads

Environmental Product Compliance

| Compliance Search |
|-------------------|
|                   |

Documentation

| Bid Text                                                      |
|---------------------------------------------------------------|
| 830-800/000-312/000-006<br>19.02.2019<br>xml<br>3.69 KB<br>   |
| 830-800/000-312/000-006<br>01.07.2019<br>docx<br>15.46 KB<br> |

CAD/CAE-Data

| CAD data |
|----------|
|          |

| CAE data |
|----------|
|          |
|          |

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; 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 mm² / 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 mm² / 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 mm² / 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.: 216-289**  
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 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