

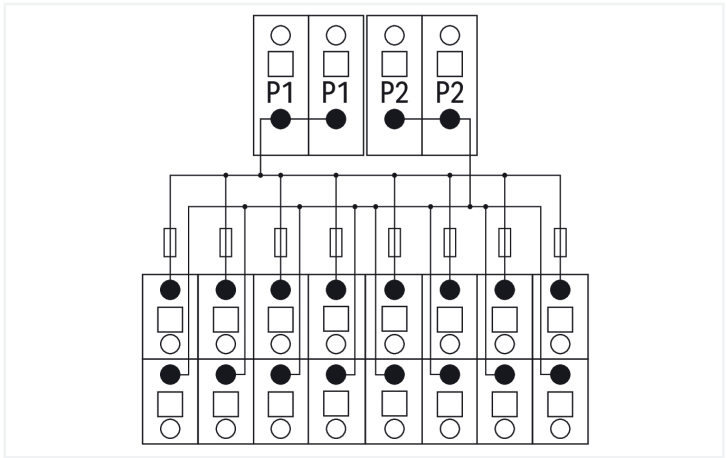
Data Sheet | Item Number: 830-800/000-319

Potential distribution module; 2 potentials; with 2 input clamping points each; Conductor cross-section up to 6 mm²; with lever; with 8 output clamping points each; Conductor cross-section up to 2.5 mm²; gray

<https://www.wago.com/830-800/000-319>



Color: ■ gray



| Electrical data                    |                                                                       |
|------------------------------------|-----------------------------------------------------------------------|
| Operating voltage                  | ≤ 250 VAC/VDC                                                         |
| Total current per potential (max.) | 30 A                                                                  |
| Fuse capacity (max.)               | 6.3 A                                                                 |
| Specialty functions                | with 2 input clamping points each; with 8 output clamping points each |

| Connection data                |                                     |
|--------------------------------|-------------------------------------|
| Total number of potentials     | 2                                   |
| Note (conductor cross-section) | 12 AWG: THHN, THWN                  |
| Connection 1                   |                                     |
| Connection type 1              | Input                               |
| Mating direction               | 30°                                 |
| Actuation type                 | Lever                               |
| Connection technology          | CAGE CLAMP®                         |
| WAGO connector                 | WAGO 2706 Series                    |
| Solid conductor                | 0.5 ... 6 mm² / 20 ... 10 AWG       |
| Fine-stranded conductor        | 0.5 ... 6 mm² / 20 ... 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 2        | 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 |



| Physical data                     |  |                               |
|-----------------------------------|--|-------------------------------|
| Width                             |  | 98 mm / 3.85 inches           |
| Height                            |  | 106 mm / 4.18 inches          |
| Depth from upper-edge of DIN-rail |  | 48 mm / 1.89 inches           |
| Mechanical data                   |  |                               |
| Mounting type                     |  | DIN-35 rail                   |
| Housing design                    |  | Mounting carrier              |
| Material data                     |  |                               |
| Color                             |  | gray                          |
| Fire load                         |  | 1.688 MJ                      |
| Weight                            |  | 181.5 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)                          |  | 3 (1) pcs                     |
| Packaging type                    |  | Box                           |
| Country of origin                 |  | US                            |
| GTIN                              |  | 4055143377393                 |
| 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                              |  | NO US CLASSIFICATION          |
| 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                                      |
|--------------------------------------------------------|
| Environmental Product<br>Compliance<br>830-800/000-319 |



Documentation

| Bid Text         |
|------------------|
| 830-800/000-319  |
| 19.02.2019       |
| xml<br>3.72 KB   |
| 830-800/000-319  |
| 01.07.2019       |
| docx<br>15.62 KB |



CAD/CAE-Data

| CAE data                             |
|--------------------------------------|
| EPLAN Data Portal<br>830-800/000-319 |



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



[Item No.: 216-266](#)  
Ferrule; Sleeve for 2.5 mm² / AWG 14; in-  
sulated; 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; in-  
sulated; 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; insu-  
lated; electro-tin plated; electrolytic cop-  
per; gastight crimped; acc. to DIN 46228,  
Part 4/09.90; gray



[Item No.: 216-287](#)  
Ferrule; Sleeve for 4 mm² / AWG 12; insu-  
lated; electro-tin plated; electrolytic cop-  
per; gastight crimped; acc. to DIN 46228,  
Part 4/09.90; gray



1.1.1.1 Ferrule



**Item No.: 216-208**  
Ferrule; Sleeve for 6 mm<sup>2</sup> / 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 mm<sup>2</sup> / 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