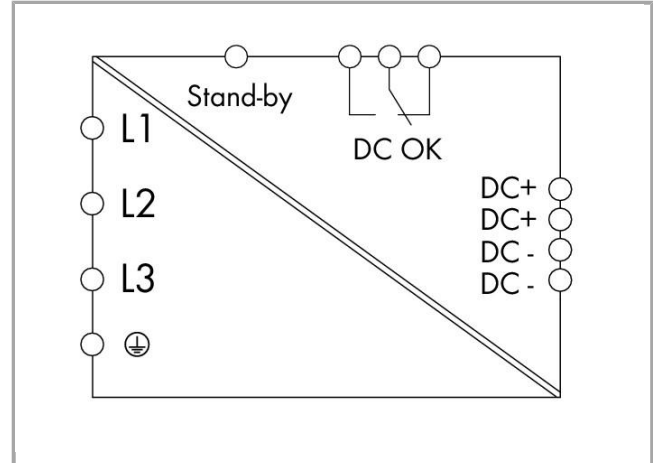


Data sheet | Item number: 787-847

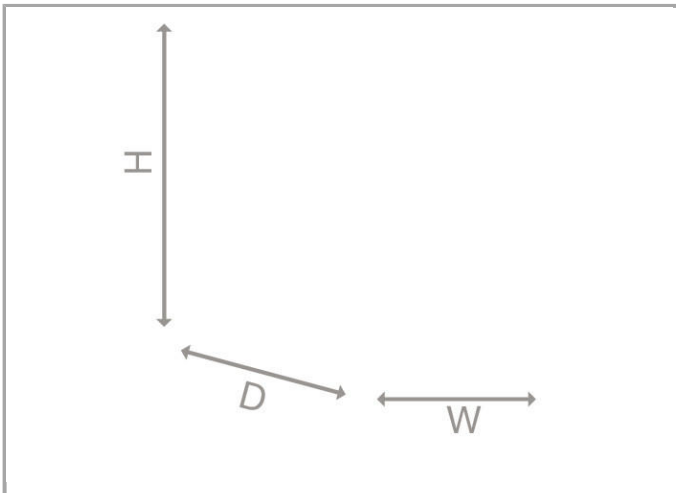
Switched-mode power supply; Pro; 3-phase; 48 VDC output voltage; 20 A output current; TopBoost + PowerBoost; DC OK contact



[www.wago.com/787-847](http://www.wago.com/787-847)



RoHS Compliant ✓ BOMcheck.net



Item description

Features:

—



- Switched-mode power supply with PowerBoost and TopBoost
- Stand-by input for switching off the output and minimizing power consumption
- DC OK contact for output monitoring
- Suitable for both parallel and series operation
- Natural convection cooling when horizontally mounted
- Enclosed for use in control cabinets
- Electrically isolated output voltage (SELV) per EN 60950-1/UL 60950-1; PELV per EN 60204

## Data

### Technical Data

#### Input

|   |  |
|---|--|
| Phases                                  | 2<br>3                                       |
| Nominal input voltage $U_{i\text{nom}}$ | (2 / 3) x AC 400 ... 500 V                   |
| Input voltage range                     | (2 / 3) x AC 340 ... 550 V; DC 480 ... 780 V |
| Nominal mains frequency range           | 50 ... 60 Hz; 0 Hz                           |
| Input current $I_i$                     | $\leq 3 \times 2$ A (340 VAC; 20 ADC)        |
| Discharge current                       | $\leq 1$ mA                                  |
| Inrush current                          | $\leq 30$ A (peak)                           |
| Power factor correction (PFC)           | Passive                                      |
| Mains failure hold-up time              | $\geq 15$ ms (3 x 400 VAC)                   |

#### Output

|  |   |
|--|---|
| Nominal output voltage $U_{o\text{nom}}$ | DC 48 V (SELV)                            |
| Output voltage range                     | DC 39 ... 53 V (adjustable)               |
| Factory preset                           | DC 48 V                                   |
| Nominal output current $I_{o\text{nom}}$ | 20 A (48 VDC)                             |
| Nominal output power                     | 960 W                                     |
| Adjustment accuracy                      | $\leq 1$ %                                |
| Residual ripple                          | $\leq 70$ mV (peak-to-peak)               |
| Current limitation                       | $1.1 \times I_{o\text{nom}}$ typ.         |
| Overload behavior                        | TopBoost/PowerBoost/Constant current mode |
| PowerBoost                               | DC 30 A (4 s); DC 25 A (16 s)             |
| TopBoost                                 | DC 80 A (25 ms)                           |

#### Signaling and communication

|           |  |
|-----------|--|
| Signaling | 1 x LED DC OK (green)<br>1 x LED error (red) |
|-----------|--|



|                            |  |
|----------------------------|--|
|                            | 1 x stand-by input<br>1 x Relaiskontakt DC O.K. (changeover contact) |
| Operation status indicator | LED green (DC OK)<br>LED red (error)                                 |

**Efficiency/Power losses:**

|                  |   |
|------------------|---|
| Power loss $P_v$ | $\leq 0.8$ W (stand-by); $\leq 5.2$ W (no load); $\leq 59.2$ W (nominal load) |
| Efficiency       | 94.4 %  |

**Fuse protection:**

|                             |  |
|-----------------------------|--|
| Internal fuse               | 3 x T 3.2 A / 440 VAC  |
| External fuse (required)    | an external DC fuse required for DC input voltage  |
| External fuse (recommended) | 3 x circuit breakers 6 A, 10 A, 16 A, characteristic: B or C<br>or motor circuit breakers, setpoint: 3.2 A, setting range: 2.5 ... 4 A |

**Safety and protection:**

|                               |                               |
|-------------------------------|-------------------------------|
| Insulation voltage (PRI-SEC)  | DC 4.242 kV                   |
| Isolation voltage (PRI-GND)   | DC 2.2 kV                     |
| Insulation voltage (SEC-GND)  | DC 0.7 kV                     |
| Protection class              | I                             |
| Protection class              | IP20 (per EN 60529)           |
| Feedback voltage              | $\leq$ DC 63 V                |
| Overvoltage category          | II                            |
| Transient protection, primary | Varistor                      |
| Short circuit protection      | Yes                           |
| No-load proof                 | Yes                           |
| Parallel operation            | Yes                           |
| Series connection             | Yes                           |
| MTBF                          | $> 500,000$ h (per IEC 61709) |

**Connection data**

|                         |  |
|-------------------------|--|
| Connection type (1)     | Input  |
| Connection technology   | CAGE CLAMP®                                  |
| WAGO terminal           | WAGO 231 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            | 8 ... 9 mm / 0.31 ... 0.35 inch              |
| Connection type (2)     | Output                                       |
| Connection technology 2 | Push-in CAGE CLAMP®                          |
| WAGO terminal 2         | WAGO 831 Series                              |



|                             |  |
|-----------------------------|--|
| Solid conductor (2)         | 0.5 ... 10 mm <sup>2</sup> / 20 ... 8 AWG    |
| Fine-stranded conductor (2) | 0.5 ... 10 mm <sup>2</sup> / 20 ... 8 AWG    |
| Strip length (2)            | 13 ... 15 mm / 0.51 ... 0.59 inch            |
| Connection type (3)         | Signaling                                    |
| Connection technology 3     | CAGE CLAMP®                                  |
| WAGO terminal 3             | WAGO 733 Series                              |
| Solid conductor (3)         | 0.08 ... 0.5 mm <sup>2</sup> / 28 ... 20 AWG |
| Fine-stranded conductor (3) | 0.08 ... 0.5 mm <sup>2</sup> / 28 ... 20 AWG |
| Strip length (3)            | 5 ... 6 mm / 0.2 ... 0.24 inch               |

### Geometrical Data

|                                       |                                   |
|---------------------------------------|-----------------------------------|
| Width                                 | 128 mm / 5.039 inch               |
| Height                                | 171 mm / 6.732 inch               |
| Length from upper-edge of DIN-35 rail | 205 mm / 8.071 inch               |
| Note on dimensions                    | Height including female connector |

### Mechanical data

|                  |                                       |
|------------------|---------------------------------------|
| Type of mounting | DIN-35 rail (EN 60715) in 2 positions |
|------------------|---------------------------------------|

### Material Data

|        |        |
|--------|--------|
| Weight | 3270 g |
|--------|--------|

### Environmental Requirements

|   |  |
|---|--|
| Surrounding air (operating) temperature | -25 ... 70 °C (Device start at -40 °C type-tested) |
| Surrounding air (storage) temperature   | -25 ... 85 °C                                      |
| Relative humidity                       | 5 ... 96 % (no condensation permissible)           |
| Derating                                | -5 %/K (> 45 °C)                                   |
| Pollution degree                        | 2  |
| Climatic category                       | 3K3 (per EN 60721)                                 |

### Standards and specifications



|                          |   |
|--------------------------|---|
| Conformity marking       | CE  |
| Standards/specifications | EN 60950; EN 61204-3; EN 61558-2-16; UL 60950; UL 508 |

### Commercial data

|                    |                           |
|--------------------|---------------------------|
| Product Group      | 6 (Interface Electronics) |
| Country of origin  | DE                        |
| GTIN               | 4050821226444             |
| Customs Tariff No. | 85044082900               |










## Approvals / Certificates

















### UL-Approvals
















| Logo   | Approval                             | Additional Approval Text | Certificate name |
|--|--------------------------------------|--------------------------|------------------|
|  | UL<br>Underwriters Laboratories Inc. | UL 60950-1               | E255815          |
|  | UL<br>Underwriters Laboratories Inc. | UL 508                   | E255817          |

## Compatible products

### Marking accessories

|  |  |  |
|--|--|--|
|   | <b>Item no.: 2009-110</b><br>Marking strips; on reel; not stretchable; plain; snap-on type                               | <a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a>                 |
|  | <b>Item no.: 2009-115</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type         | <a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a>                 |
|  | <b>Item no.: 2009-115/000-002</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-115/000-002">www.wago.com/2009-115/000-002</a> |
|  | <b>Item no.: 2009-115/000-006</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-115/000-006">www.wago.com/2009-115/000-006</a> |
|  | <b>Item no.: 2009-115/000-007</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-115/000-007">www.wago.com/2009-115/000-007</a> |
|  | <b>Item no.: 2009-115/000-012</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-115/000-012">www.wago.com/2009-115/000-012</a> |
|  | <b>Item no.: 2009-115/000-017</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-115/000-017">www.wago.com/2009-115/000-017</a> |
|  | <b>Item no.: 2009-115/000-023</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-115/000-023">www.wago.com/2009-115/000-023</a> |
|  | <b>Item no.: 2009-115/000-024</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-115/000-024">www.wago.com/2009-115/000-024</a> |

|  |   |  |
|--|---|--|
|    | <b>Item no.: 2009-135</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type              | <a href="http://www.wago.com/2009-135">www.wago.com/2009-135</a>                 |
|    | <b>Item no.: 2009-145</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type         | <a href="http://www.wago.com/2009-145">www.wago.com/2009-145</a>                 |
|    | <b>Item no.: 2009-145/000-002</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-145/000-002">www.wago.com/2009-145/000-002</a> |
|    | <b>Item no.: 2009-145/000-005</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-145/000-005">www.wago.com/2009-145/000-005</a> |
|    | <b>Item no.: 2009-145/000-006</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-145/000-006">www.wago.com/2009-145/000-006</a> |
|    | <b>Item no.: 2009-145/000-007</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-145/000-007">www.wago.com/2009-145/000-007</a> |
|    | <b>Item no.: 2009-145/000-012</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-145/000-012">www.wago.com/2009-145/000-012</a> |
|  | <b>Item no.: 2009-145/000-023</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-145/000-023">www.wago.com/2009-145/000-023</a> |
|  | <b>Item no.: 2009-145/000-024</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-145/000-024">www.wago.com/2009-145/000-024</a> |
|  | <b>Item no.: 210-831</b><br>Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive  | <a href="http://www.wago.com/210-831">www.wago.com/210-831</a>                   |
|  | <b>Item no.: 210-832</b><br>Marking strips; on reel; 3 mm wide; plain; Self-adhesive  | <a href="http://www.wago.com/210-832">www.wago.com/210-832</a>                   |
|  | <b>Item no.: 248-501</b><br>Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card  | <a href="http://www.wago.com/248-501">www.wago.com/248-501</a>                   |
|  | <b>Item no.: 248-501/000-002</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | <a href="http://www.wago.com/248-501/000-002">www.wago.com/248-501/000-002</a>   |
|  | <b>Item no.: 248-501/000-005</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | <a href="http://www.wago.com/248-501/000-005">www.wago.com/248-501/000-005</a>   |
|  | <b>Item no.: 248-501/000-006</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | <a href="http://www.wago.com/248-501/000-006">www.wago.com/248-501/000-006</a>   |
|  | <b>Item no.: 248-501/000-007</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | <a href="http://www.wago.com/248-501/000-007">www.wago.com/248-501/000-007</a>   |

|  |   |  |
|--|---|--|
|    | <b>Item no.: 248-501/000-012</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type  | <a href="http://www.wago.com/248-501/000-012">www.wago.com/248-501/000-012</a>   |
|    | <b>Item no.: 248-501/000-017</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type  | <a href="http://www.wago.com/248-501/000-017">www.wago.com/248-501/000-017</a>   |
|    | <b>Item no.: 248-501/000-023</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type  | <a href="http://www.wago.com/248-501/000-023">www.wago.com/248-501/000-023</a>   |
|    | <b>Item no.: 793-501</b><br>WMB marking card; as card; not stretchable; plain; snap-on type   | <a href="http://www.wago.com/793-501">www.wago.com/793-501</a>                   |
|    | <b>Item no.: 793-501/000-002</b><br>WMB marking card; as card; not stretchable; plain; snap-on type   | <a href="http://www.wago.com/793-501/000-002">www.wago.com/793-501/000-002</a>   |
|    | <b>Item no.: 793-501/000-005</b><br>WMB marking card; as card; not stretchable; plain; snap-on type   | <a href="http://www.wago.com/793-501/000-005">www.wago.com/793-501/000-005</a>   |
|    | <b>Item no.: 793-501/000-006</b><br>WMB marking card; as card; not stretchable; plain; snap-on type   | <a href="http://www.wago.com/793-501/000-006">www.wago.com/793-501/000-006</a>   |
|  | <b>Item no.: 793-501/000-007</b><br>WMB marking card; as card; not stretchable; plain; snap-on type   | <a href="http://www.wago.com/793-501/000-007">www.wago.com/793-501/000-007</a>   |
|  | <b>Item no.: 793-501/000-012</b><br>WMB marking card; as card; not stretchable; plain; snap-on type   | <a href="http://www.wago.com/793-501/000-012">www.wago.com/793-501/000-012</a>   |
|  | <b>Item no.: 793-501/000-017</b><br>WMB marking card; as card; not stretchable; plain; snap-on type   | <a href="http://www.wago.com/793-501/000-017">www.wago.com/793-501/000-017</a>   |
|  | <b>Item no.: 793-501/000-023</b><br>WMB marking card; as card; not stretchable; plain; snap-on type   | <a href="http://www.wago.com/793-501/000-023">www.wago.com/793-501/000-023</a>   |
|  | <b>Item no.: 793-501/000-024</b><br>WMB marking card; as card; not stretchable; plain; snap-on type   | <a href="http://www.wago.com/793-501/000-024">www.wago.com/793-501/000-024</a>   |
|  | <b>Item no.: 793-5501</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type         | <a href="http://www.wago.com/793-5501">www.wago.com/793-5501</a>                 |
|  | <b>Item no.: 793-5501/000-002</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/793-5501/000-002">www.wago.com/793-5501/000-002</a> |
|  | <b>Item no.: 793-5501/000-005</b><br>WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type                                       | <a href="http://www.wago.com/793-5501/000-005">www.wago.com/793-5501/000-005</a> |



**Item no.: 793-5501/000-006**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

[www.wago.com/793-5501/000-006](http://www.wago.com/793-5501/000-006)



**Item no.: 793-5501/000-007**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

[www.wago.com/793-5501/000-007](http://www.wago.com/793-5501/000-007)



**Item no.: 793-5501/000-012**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

[www.wago.com/793-5501/000-012](http://www.wago.com/793-5501/000-012)



**Item no.: 793-5501/000-017**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

[www.wago.com/793-5501/000-017](http://www.wago.com/793-5501/000-017)



**Item no.: 793-5501/000-023**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

[www.wago.com/793-5501/000-023](http://www.wago.com/793-5501/000-023)



**Item no.: 793-5501/000-024**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

[www.wago.com/793-5501/000-024](http://www.wago.com/793-5501/000-024)

#### tools



**Item no.: 210-719**  
Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm

[www.wago.com/210-719](http://www.wago.com/210-719)



**Item no.: 210-720**  
Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm

[www.wago.com/210-720](http://www.wago.com/210-720)



**Item no.: 210-721**  
Operating tool with partially insulated shaft; Type 3, blade (5.5 x 0.8) mm

[www.wago.com/210-721](http://www.wago.com/210-721)



**Item no.: 210-769**  
SCREWDRIVER

[www.wago.com/210-769](http://www.wago.com/210-769)

#### ferrule



**Item no.: 216-201**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated

[www.wago.com/216-201](http://www.wago.com/216-201)



**Item no.: 216-202**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated

[www.wago.com/216-202](http://www.wago.com/216-202)



**Item no.: 216-203**  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated

[www.wago.com/216-203](http://www.wago.com/216-203)



**Item no.: 216-204**  
Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated

[www.wago.com/216-204](http://www.wago.com/216-204)



**Item no.: 216-205**  
Ferrule; Sleeve for 2.08 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated

[www.wago.com/216-205](http://www.wago.com/216-205)



**Item no.: 216-206**  
Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated







[www.wago.com/216-206](http://www.wago.com/216-206)



**Item no.: 216-207**  
Ferrule; Sleeve for 4 mm<sup>2</sup> / AWG 12; insulated; electro-tin plated

[www.wago.com/216-207](http://www.wago.com/216-207)



|  |  |  |
|--|--|--|
|    | <b>Item no.: 216-208</b><br>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    | <a href="http://www.wago.com/216-208">www.wago.com/216-208</a> |
|    | <b>Item no.: 216-221</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated  | <a href="http://www.wago.com/216-221">www.wago.com/216-221</a> |
|    | <b>Item no.: 216-222</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated   | <a href="http://www.wago.com/216-222">www.wago.com/216-222</a> |
|    | <b>Item no.: 216-223</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated  | <a href="http://www.wago.com/216-223">www.wago.com/216-223</a> |
|    | <b>Item no.: 216-224</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated  | <a href="http://www.wago.com/216-224">www.wago.com/216-224</a> |
|    | <b>Item no.: 216-241</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90  | <a href="http://www.wago.com/216-241">www.wago.com/216-241</a> |
|    | <b>Item no.: 216-242</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | <a href="http://www.wago.com/216-242">www.wago.com/216-242</a> |
|   | <b>Item no.: 216-243</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90    | <a href="http://www.wago.com/216-243">www.wago.com/216-243</a> |
|  | <b>Item no.: 216-244</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90  | <a href="http://www.wago.com/216-244">www.wago.com/216-244</a> |
|  | <b>Item no.: 216-246</b><br>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  | <a href="http://www.wago.com/216-246">www.wago.com/216-246</a> |
|  | <b>Item no.: 216-262</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | <a href="http://www.wago.com/216-262">www.wago.com/216-262</a> |
|  | <b>Item no.: 216-263</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90    | <a href="http://www.wago.com/216-263">www.wago.com/216-263</a> |
|  | <b>Item no.: 216-264</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90  | <a href="http://www.wago.com/216-264">www.wago.com/216-264</a> |
|  | <b>Item no.: 216-266</b><br>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  | <a href="http://www.wago.com/216-266">www.wago.com/216-266</a> |
|  | <b>Item no.: 216-267</b><br>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    | <a href="http://www.wago.com/216-267">www.wago.com/216-267</a> |
|  | <b>Item no.: 216-284</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90  | <a href="http://www.wago.com/216-284">www.wago.com/216-284</a> |
|  | <b>Item no.: 216-286</b><br>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  | <a href="http://www.wago.com/216-286">www.wago.com/216-286</a> |
|  | <b>Item no.: 216-287</b><br>Ferrule; Sleeve for 4 mm <sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped;                                    | <a href="http://www.wago.com/216-287">www.wago.com/216-287</a> |



acc. to DIN 46228, Part 4/09.90



**Item no.: 216-288**

Ferrule; Sleeve for 6 mm<sup>2</sup> / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; [www.wago.com/216-288](http://www.wago.com/216-288)  
acc. to DIN 46228, Part 4/09.90

**Item no.: 216-301**

Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated

[www.wago.com/216-301](http://www.wago.com/216-301)



**Item no.: 216-302**

Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated

[www.wago.com/216-302](http://www.wago.com/216-302)

**Item no.: 216-321**

Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated

[www.wago.com/216-321](http://www.wago.com/216-321)



**Item no.: 216-322**

Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated

[www.wago.com/216-322](http://www.wago.com/216-322)

**Mounting adapter**



**Item no.: 787-895**

EPSITRON® wall mount adapter; for screw fixing of 787-8xx devices on mounting plate or wall without DIN 35 rail

[www.wago.com/787-895](http://www.wago.com/787-895)



**Item no.: 787-896**

Carrier rail adapter; for mounting 787-8xx devices to a DIN 35 rail

[www.wago.com/787-896](http://www.wago.com/787-896)



**Item no.: 787-897**

Carrier rail adapter made of zinc die-cast; for mounting 787-8xx devices to a DIN 35 rail

[www.wago.com/787-897](http://www.wago.com/787-897)

**Downloads**

**Documentation**

**Bid Text**

|                          |             |         |          |
|--------------------------|-------------|---------|----------|
| 787-847                  | Apr 4, 2012 | doc     | Download |
| Stromversorgung EPSITRON |             | 36.9 kB |          |

**Instruction Leaflet**

|   |  |          |          |
|---|--|----------|----------|
| Primary Switch Mode Power Supply EPSITRON-PRO-Power |  | pdf      | Download |
| 48 VDC, 20 A  |  | 367.9 kB |          |

**Additional Information**

|  |         |          |          |
|--|---------|----------|----------|
| Disposal; Electrical and electronic equipment, Packaging | V 1.0.0 | pdf      | Download |
|  |         | 265.8 kB |          |

**Engineering-Software**

**Configuration and Commissioning Software**

|                                  |              |          |          |
|----------------------------------|--------------|----------|----------|
| Used for line length calculation | 1.3.4        | zip      | Download |
|                                  | Mar 20, 2017 | 125.5 kB |          |



The conductor length calculation assists in planning the secondary fuse protection for conductors to power supply devices from the EPSITRON® PRO power family (787-8xx) as well as EPSITRON(R) CLASSIC Power family (787-16xx). After choosing a 787-8xx and 787-16xx power supply unit, the desired conductor size and associated fuse can be selected. The software tool then calculates the maximum conductor length at which the fuse functions correctly, while also considering the conductor and transfer resistances. The user can select a base load.

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## CAD/CAE - Smart Data

### CAD data

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## Product family

### EPSITRON PRO Power

EPSITRON® PRO POWER: Professional and Efficient Power Supply with Extra Power

[Show all products from the family](#)

Subject to changes.

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