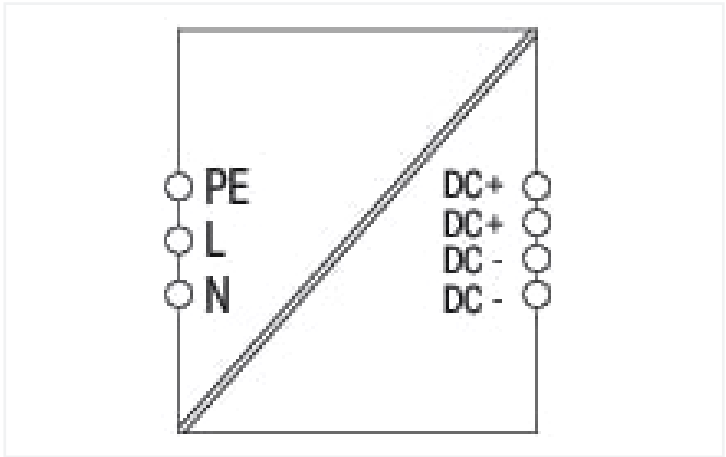




Features:

- Switched-mode power supply
- Stepped profile for installation in standard distribution boards
- Removable front panel and screw mounts for alternative installation in distribution boxes or devices
- Pluggable *picoMAX*® Connection Technology (tool-free)
- Suitable for both parallel and series operation
- Electrically isolated output voltage (SELV) per EN 60335-1 and UL 60950-1; PELV per EN 60204

Technical data

| Input                              |                                           | Output                                     |                                                                                                                                                         |
|------------------------------------|-------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Phases                             | 1                                         | Nominal output voltage $U_{o\,nom}$        | DC 24 V (SELV)                                                                                                                                          |
| Nominal input voltage $U_{i\,nom}$ | 1 x AC 100 ... 240 V                      | Output voltage range                       | DC 22 ... 26 V (adjustable)                                                                                                                             |
| Input voltage range                | 1 x AC 85 ... 264 V; DC 125 ... 375 V     | Default Setting                            | DC 24 V                                                                                                                                                 |
| Input voltage derating             | -2 %/V (< 100 VAC); -1.33 %/V (< 140 VDC) | Nominal output current $I_{o\,nom}$        | 2.5 A; 2 A (                                                                                                                                            |
| Nominal mains frequency range      | 47 ... 63 Hz; 0 Hz                        | Nominal output power                       | 60 W                                                                                                                                                    |
| Input current $I_i$                | ≤ 1.5 A                                   | Deviation                                  | ≤ 1 %                                                                                                                                                   |
| Discharge current                  | ≤ 0.25 mA                                 | Deviation, dynamic load change 10 ... 90 % | ≤ 1 %                                                                                                                                                   |
| Inrush current                     | ≤ 20 A                                    | Residual ripple                            | ≤ 100 mV (peak-to-peak)                                                                                                                                 |
| Power factor                       | ≥ 0.5                                     | Overload behavior                          | Constant power (in overload range: 1.05 ... 1.35 x $I_{o\,nom}$ ); Shutdown and automatic restart in the event of a short circuit or permanent overload |
| Power factor correction (PFC)      | Passive                                   |                                            |                                                                                                                                                         |
| Mains failure hold-up time         | ≥ 60 ms                                   |                                            |                                                                                                                                                         |

Signaling and communication

|                            |                       |
|----------------------------|-----------------------|
| Signaling                  | 1 x LED DC OK (green) |
| Operation status indicator | Green LED ( $U_o$ )   |

Efficiency/power losses

|                                |                                |
|--------------------------------|--------------------------------|
| Power loss $P_i$               | ≤ 0.6 W                        |
| Power loss (max.) $P_{i(max)}$ | 9 W (100 VAC / 24 VDC; 2.5 A)  |
| Efficiency (typ.)              | 89 % (230 VAC); 87 % (110 VAC) |

Circuit protection

|                             |                                                                            |
|-----------------------------|----------------------------------------------------------------------------|
| Internal fuse               | T 2 A / 250 VAC                                                            |
| Backup fusing (required)    | An external DC fuse is required for the DC input voltage.                  |
| Backup fusing (recommended) | Circuit breaker: 6 A (C characteristic), 10 A (B characteristic) or higher |



| Safety and protection             |                                    |
|-----------------------------------|------------------------------------|
| Isolation voltage (pri.-sec.)     | DC 4.242 kV                        |
| Protection class                  | I                                  |
| Protection type                   | IP20; per EN 60529                 |
| Resistance to reverse feed        | ≤ DC 35 V                          |
| Pollution degree                  | 2                                  |
| Transient suppression (primary)   | Varistor                           |
| Overvoltage protection; secondary | ≤ 31 VDC (in the event of a fault) |
| Short-circuit-protected           | Yes                                |
| Open-circuit-proof                | Yes                                |
| Parallel operation                | Yes                                |
| Series operation                  | Yes                                |
| MTBF                              | > 500,000 h (per IEC 61709)        |

| Connection data         |                                    |
|-------------------------|------------------------------------|
| Connection type 1       | Input/output                       |
| Connection technology   | Push-in CAGE CLAMP®                |
| WAGO connector          | picoMAX® 5.0, WAGO 2092 Series     |
| Solid conductor         | 0.2 ... 2.5 mm² / 24 ... 12 AWG    |
| Fine-stranded conductor | 0.2 ... 2.5 mm² / 24 ... 12 AWG    |
| Strip length            | 9 ... 10 mm / 0.35 ... 0.39 inches |

| Physical data                     |                              |
|-----------------------------------|------------------------------|
| Width                             | 72 mm / 2.835 inches         |
| Height                            | 90 mm / 3.543 inches         |
| Depth                             | 56 mm / 2.205 inches         |
| Depth from upper-edge of DIN-rail | 52.5 mm / 2.067 inches       |
| Note (dimensions)                 | Depth: 48 mm (without cover) |

| Mechanical data |                                        |
|-----------------|----------------------------------------|
| Housing design  | DIN-rail-mount enclosure               |
| Mounting type   | DIN-35 rail<br>Screw mount (back/side) |

| Material data               |          |
|-----------------------------|----------|
| Flammability class per UL94 | V0       |
| Fire load                   | 0.243 MJ |
| Weight                      | 288 g    |

| Environmental requirements      |                                                 |
|---------------------------------|-------------------------------------------------|
| Ambient temperature (operation) | -25 ... +70 °C                                  |
| Ambient temperature (storage)   | -40 ... +85 °C                                  |
| Relative humidity               | ≤ 95% (no condensation permissible)             |
| Derating                        | -2.66 %/K (> 55 °C)                             |
| Climatic category               | 3K3 (per EN 60721; except for low air pressure) |



| Standards and specifications |                                                                |
|------------------------------|----------------------------------------------------------------|
| Conformity marking           | CE                                                             |
| Standards/specifications     | EN 61204-3<br>EN 60335-1<br>EN 62368-1<br>UL 60950-1<br>UL 508 |

| Commercial data       |               |
|-----------------------|---------------|
| eCl@ss 10.0           | 27-04-07-01   |
| eCl@ss 9.0            | 27-04-07-01   |
| ETIM 8.0              | EC002540      |
| ETIM 7.0              | EC002540      |
| PU (SPU)              | 1 pcs         |
| Packaging type        | Box           |
| Country of origin     | CN            |
| GTIN                  | 4055143908016 |
| Customs tariff number | 85044083900   |

| Environmental Product Compliance          |                                      |
|-------------------------------------------|--------------------------------------|
| RoHS Compliance Status                    | Compliant,No Exemption               |
| SCIP notification number (Bulgaria)       | c24db254-2b66-448b-b18e-27c1dc7ad507 |
| SCIP notification number (Czech Republic) | 973be624-07d3-4764-96b0-af72498ce892 |

| Approvals / Certificates                                                                                                                                                                                                                                   |                |                                                                                                                                                                                                                                                                                   |          |          |                  |                                                      |   |   |                                                      |   |   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|------------------|------------------------------------------------------|---|---|------------------------------------------------------|---|---|
| General approvals                                                                                                                                                                                                                                          |                | Declarations of conformity and manufacturer's declarations                                                                                                                                                                                                                        |          |          |                  |                                                      |   |   |                                                      |   |   |
|    |                |                                                                                                                                                                                                                                                                                   |          |          |                  |                                                      |   |   |                                                      |   |   |
| Approval                                                                                                                                                                                                                                                   | Standard       | Certificate Name                                                                                                                                                                                                                                                                  |          |          |                  |                                                      |   |   |                                                      |   |   |
| EAC<br>GZO Almaty Standart                                                                                                                                                                                                                                 | TP TC 004/2011 | EAC CoC 03078                                                                                                                                                                                                                                                                     |          |          |                  |                                                      |   |   |                                                      |   |   |
| EAC<br>GZO Almaty Standart                                                                                                                                                                                                                                 | TP TC 020/2011 | EAC CoC 03081                                                                                                                                                                                                                                                                     |          |          |                  |                                                      |   |   |                                                      |   |   |
| UL<br>Underwriters Laboratories Inc.                                                                                                                                                                                                                       | UL 508         | E255817                                                                                                                                                                                                                                                                           |          |          |                  |                                                      |   |   |                                                      |   |   |
| UR<br>Underwriters Laboratories Inc.                                                                                                                                                                                                                       | UL 60950-1     | E255815                                                                                                                                                                                                                                                                           |          |          |                  |                                                      |   |   |                                                      |   |   |
|                                                                                                                                                                                                                                                            |                | <table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>EU-Declaration of Confor- mity<br/>WAGO GmbH &amp; Co. KG</td><td>-</td><td>-</td></tr><tr><td>UK-Declaration of Confor- mity<br/>WAGO GmbH &amp; Co. KG</td><td>-</td><td>-</td></tr></table> | Approval | Standard | Certificate Name | EU-Declaration of Confor- mity<br>WAGO GmbH & Co. KG | - | - | UK-Declaration of Confor- mity<br>WAGO GmbH & Co. KG | - | - |
| Approval                                                                                                                                                                                                                                                   | Standard       | Certificate Name                                                                                                                                                                                                                                                                  |          |          |                  |                                                      |   |   |                                                      |   |   |
| EU-Declaration of Confor- mity<br>WAGO GmbH & Co. KG                                                                                                                                                                                                       | -              | -                                                                                                                                                                                                                                                                                 |          |          |                  |                                                      |   |   |                                                      |   |   |
| UK-Declaration of Confor- mity<br>WAGO GmbH & Co. KG                                                                                                                                                                                                       | -              | -                                                                                                                                                                                                                                                                                 |          |          |                  |                                                      |   |   |                                                      |   |   |

| Downloads                                 |                                                                                     |
|-------------------------------------------|-------------------------------------------------------------------------------------|
| Environmental Product Compliance          |                                                                                     |
| Compliance Search                         |                                                                                     |
| Environmental Product Compliance 787-1212 |  |



Documentation

| Manual                                 |                       |                   |                   |
|----------------------------------------|-----------------------|-------------------|-------------------|
| Product Manual COM-PACT Power; 1-phase | V 1.0.0<br>24.11.2020 | pdf<br>1486.90 KB | <a href="#">↓</a> |

| Bid Text                    |            |                  |                   |
|-----------------------------|------------|------------------|-------------------|
| 787-1212                    | 12.06.2019 | docx<br>20.61 KB | <a href="#">↓</a> |
| 787-1212                    | 04.07.2019 | xml<br>7.27 KB   | <a href="#">↓</a> |
| ausschreiben.de<br>787-1212 |            |                  | <a href="#">↓</a> |

| Instruction Leaflet                              |  |                   |                   |
|--------------------------------------------------|--|-------------------|-------------------|
| Primär getaktete<br>Stromversorgungen<br>COMPACT |  | pdf<br>1527.06 KB | <a href="#">↓</a> |

CAD/CAE-Data

| CAD data                 |                   |
|--------------------------|-------------------|
| 2D/3D Models<br>787-1212 | <a href="#">↓</a> |

| CAE data                      |                   |
|-------------------------------|-------------------|
| EPLAN Data Portal<br>787-1212 | <a href="#">↓</a> |
| WSCAD Universe<br>787-1212    | <a href="#">↓</a> |
| ZUKEN Portal<br>787-1212      | <a href="#">↓</a> |

1 Compatible Products

1.1 Optional Accessories

1.1.1 Strain relief

1.1.1.1 Gripping plate



**Item No.: 2092-1601**  
Gripping plate; for female and male connectors; 1 part; Pin spacing 5 mm; 3- to 4-pole; light gray

1.1.2 Tool

1.1.2.1 Operating tool



**Item No.: 210-720**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured



**Item No.: 210-769**  
SCREWDRIVER; green

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

Current addresses can be found at: [www.wago.com](https://www.wago.com)