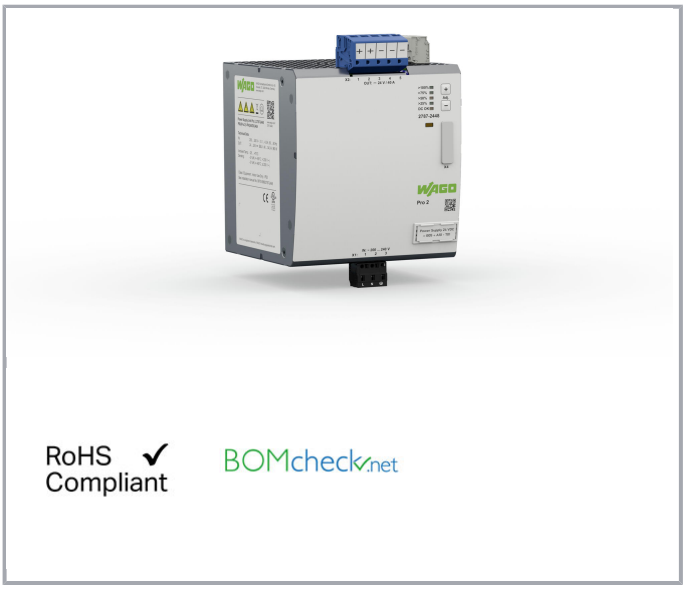
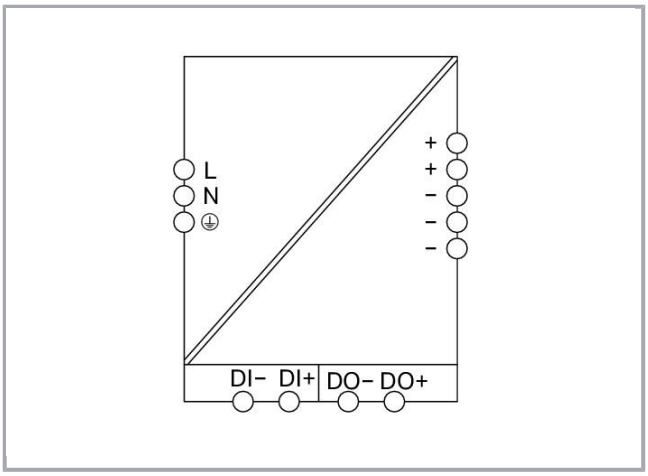
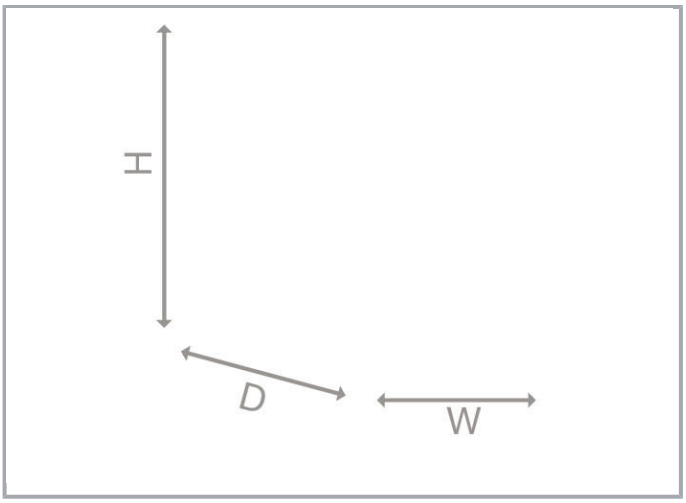
Data sheet | Item number: 2787-2448

Power supply; Pro 2; 1-phase; 24 VDC output voltage; 40 A output current; TopBoost + PowerBoost; communication capability; Input voltage range: 200 ... 240 VAC

www.wago.com/2787-2448







Item description

Features:

- Power supply with TopBoost, PowerBoost and configurable overload behavior
- Configurable digital signal input and output, optical status indication, function keys
- Communication interface for configuration and monitoring
- Optional connection to IO-Link

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

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

- Suitable for both parallel and series operation
- Natural convection cooling when horizontally mounted
- Pluggable connection technology
- Electrically isolated output voltage (SELV/PELV) per EN 61010/UL 61010
- Marker slot for WAGO Marker Cards (WMB) and WAGO Marking Strips

Data
Technical Data

Input

Phases	1
Nominal input voltage $U_{i\ nom}$	AC 200 … 240 V
Input voltage range	AC 180 … 264 V; DC 255 … 373 V
Nominal mains frequency range	47 … 63 Hz; 0 Hz
Input current I_i	≤ 4,3 A (240 VAC; Nominal load); ≤ 5,1 A (200 VAC; Nominal load)
Inrush current	≤ 10 A (after 1 ms)
Power factor	≥ 0,98 (240 VAC)
Power factor correction (PFC)	Active
Mains failure hold-up time	≥ 25 ms (230 VAC)

Output

Nominal output voltage $U_{o\ nom}$	DC 24 V (SELV)
Output voltage range	DC 24 … 28 V (adjustable)
Factory preset	DC 24 V
Nominal output current $I_{o\ nom}$	40 A (24 VDC)
Nominal output power	960 W
Adjustment accuracy	≤ 1 %
Residual ripple	≤ 70 mV (peak-to-peak)
Current limitation	1.1 x $I_{o\ nom}$ (typ.)
Overload behavior	TopBoost/PowerBoost/Time-limited constant current mode (other overload behaviors can be set)
PowerBoost	DC 60 A (5 s)

Signaling and communication

Signaling	Optical status indication (DC OK; load; warning and error states)

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com