

QUINT-UPS/1AC/1AC/500VA

Item cannot be ordered online at present.

Order No.: 2320270




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Uninterruptible power supply with IQ technology 1AC/1AC/500 VA. For 120 V AC/230 V AC applications. Provides information regarding the charging state, remaining runtime, and service life of your rechargeable battery module at all times and thereby increases system availability.



Commercial data

GTIN (EAN)	 4 046356 560078
sales group	H061
Pack	1 pcs.
Catalog page information	Page 616 (IF-2011)

Product notes

WEEE/RoHS-compliant since:
01/20/2010



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Input data

Nominal input voltage	120 V AC
	230 V AC

AC input voltage range	96 V AC ... 264 V AC
AC frequency range	45 Hz ... 65 Hz
Current consumption (maximum)	6.8 A (120 V AC)
Current consumption (idle)	0.15 A (230 V AC)
	0.2 A (120 V AC)
Current consumption (charging process)	0.6 A (230 V AC)
	1.1 A (120 V AC)
Buffer period	1 h (with 38 AH)
Additional text	AC: 1 x circuit breaker - recommended fuse
Power factor (cos phi)	0.8

Output data

Nominal output voltage	120 V AC
	230 V AC
Output voltage range	96 V AC ... 144 V AC
Output current	5.2 A (120 V AC, -25°C ... +40°C)
	4.3 A (120 V AC, -25°C ... +50°C)
	2.7 A (230 V AC, -25°C ... +40°C)
	2.2 A (230 V AC, -25°C ... +40°C)
Derating	50 °C ... 70 °C (2.5%/K)
Connection in parallel	No
Connection in series	No

General data

Width	125 mm
Height	130 mm
Depth	125 mm
Net weight	2.2 kg
Efficiency	> 99 %
Degree of protection	IP20
Protection class	III
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Max. permissible relative humidity (operation)	≤ 95 % (25°C, no condensation)
Mounting position	horizontal DIN rail NS 35, EN 60715
Assembly instructions	Can be aligned: 5 mm horizontally, 15 mm next to active components, 5 cm vertically

Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
UL approvals	UL applied for

Connection data, input

Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
Stripping length	8 mm
Screw thread	M4

Connection data, output

Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
Stripping length	8 mm

Signaling

Signalization designation	AC mode of operation
Status display	LED
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm
Screw thread	M4
Signalization designation	Alarm

Output name	Switching output
Output description	Transistor
Output voltage	24 V
Continuous load current	≤ 25 mA
Status display	LED
Signalization designation	Battery mode
Output name	Switching output
Output description	Transistor
Output voltage	24 V
Continuous load current	≤ 25 mA
Status display	LED
Signalization designation	POWER BOOST
Output name	Switching output
Output description	Transistor
Type of signaling	POWER BOOST
Output voltage	24 V
Continuous load current	≤ 25 mA
Status display	LED

Certificates / Approvals

Certifications applied for: UL / UL-EX

Accessories

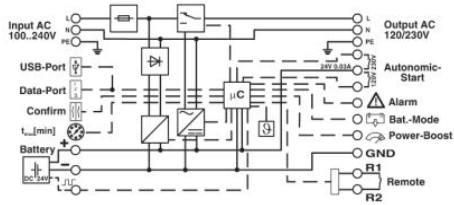
Item	Designation	Description
General		
2986135	CABLE-USB/MINI-USB-3,0M	MINI-USB connecting cable for configuration of the PSR-TRISAFE system, length: 3 meters
2986122	IFS-CONFSTICK	Multi-functional memory block for the INTERFACE systemf for easy storage and backup of the configuration.
2320306	UPS-BAT/VRLA/ 24DC/ 3.4AH	Rechargeable battery module, lead AGM, VRLA technology, 24 V DC, 3.4 Ah, tool-free battery replacement.
2320319	UPS-BAT/VRLA/ 24DC/ 7.2AH	Rechargeable battery module, lead AGM, VRLA technology, 24 V DC, 7.2 Ah, tool-free battery replacement.
2320322	UPS-BAT/VRLA/ 24DC/12AH	Rechargeable battery module, lead AGM, VRLA technology, 24 V DC, 12 Ah, tool-free battery replacement.

Software

2320403	UPS-CONF	Configuration software for QUINT UPS can be downloaded free of charge.
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Diagrams/Drawings

Block diagram



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