

QUINT-UPS/ 24DC/ 24DC/10/3.4AH

Order No.: 2320267



<http://eshop.phoenixcontact.co.uk/phoenix/treeViewClick.do?UID=2320267>

Uninterruptible power supply with integrated rechargeable battery and IQ technology 24 V/10 A. 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

EAN	4 046356 554183
Pack	1
Customs tariff	85044082
Country of Origin	CN

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 at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Input data

Nominal input voltage	24 V DC
DC input voltage range	18 V DC ... 30 V DC
Current consumption	18.6 A (24 V DC)
	9.5 mA
	3.6 A
	14 A
Buffer period	180 min (1 A)
	10 min (10 A)

Output data

Nominal output voltage	24 V DC
Output voltage range	18 V DC ... 30 V DC
Output current	10 A (-25 °C ... +60 °C)
Derating	60 °C ... 70 °C (2.5%/K)
Connection in series	No

General data

IQ technology	Yes
Disposal	Used batteries must not be thrown away with household waste, they should instead be disposed of in accordance with applicable national regulations. They can also be returned to Phoenix Contact or the manufacturer.
Width	120 mm
Height	169 mm
Depth	125 mm
Net weight	3.8 kg
Memory medium	Lead rechargeable battery module, 3.4 Ah
Efficiency	> 99 % (with charged power storage device)
	96.41 %
Degree of protection	IP20
Protection class	III
MTBF (IEC 61709, SN 29500)	> 500000 h
Ambient temperature (operation)	0 °C ... 40 °C
Ambient temperature (storage/transport)	-15 °C ... 40 °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: horizontal 5 mm, vertical 50 mm
Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Noise immunity	EN 61000-6-2:2005
Standard - Electrical safety	EN 60950-1/VDE 0805 (SELV)
	EN 61558-2-17
Standard – Electronic equipment for use in electrical power installations and their assembly into electrical power installations	EN 50178/VDE 0160 (PELV)
UL approvals	UL applied for

Connection data, input

Connection method	Pluggable screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	16
Conductor cross section AWG/kcmil max	12
Stripping length	7 mm
Screw thread	M4

Connection data, output

Connection method	Pluggable screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	16
Conductor cross section AWG/kcmil max	12
Stripping length	7 mm

Signaling

Signalization designation	Power In OK
Status display	LED
Note on status display	Static to
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm
Screw thread	M4
Signalization designation	Alarm
Output name	Switching output

Output description	Relay
Output voltage	≤ 30 V AC/DC
Continuous load current	≤ 100 mA
Status display	LED
Note on status display	Static to
Signalization designation	Battery charge
Output name	Switching output
Output description	Relay
Output voltage	≤ 30 V AC/DC
Continuous load current	≤ 100 mA
Status display	LED bar graph
Note on status display	dynamic
Signalization designation	Battery mode
Output name	Switching output
Output description	Relay
Type of signaling	Battery mode
Output voltage	≤ 30 V AC/DC
Continuous load current	≤ 100 mA
Status display	LED
Note on status display	Static to

Certificates

Certification CUL, CUL Listed, UL, UL Listed

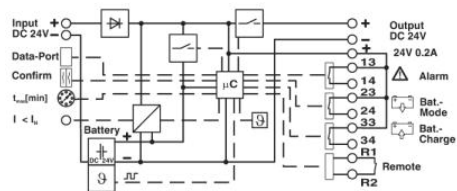
Accessories

Item	Designation	Description
General		
2986122	IFS-CONFSTICK	Multi-functional memory block for the INTERFACE systemf for easy storage and backup of the configuration.
2320490	IFS-RS232-DATACABLE	Data cable for communication between higher level controllers and QUINT UPS-IQ uninterruptible power supply units.
2320500	IFS-USB-DATACABLE	Used for communication between the UPS CONF configuration software and the QUINT UPS IQ and TRIO UPS uninterruptible power supply units.
2938196	QUINT-PS-ADAPTERS7/1	Assembly adapter for QUINT-PS... power supply on S7-300 rail

2320089	UTA 107/30	Universal DIN rail adapter
2938235	UWA 182/52	Universal wall adapter

Drawings

Block diagram



Connection data incl. use groups





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