ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Phoenix Contact Quint-PS-100-240AC/24DC/10* at our website: *Click HERE*

Power supply unit - QUINT-PS-120AC/24DC/10 - 2939072

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)



Power supply unit, primary switched-mode, input 120 V AC, output 24 V DC/10 A

Key Commercial Data

Packing unit	1 pc
GTIN	4 017918 155285
GTIN	4017918155285
Weight per Piece (excluding packing)	1,751.300 g
Custom tariff number	85044094
Country of origin	XX

Technical data

Dimensions

Width	180 mm
Height	115 mm
Depth	125 mm

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 70 °C (UL up to 50°C)
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	up to 95 % (at 25 °C, non-condensing)

Input data

Nominal input voltage	120 V AC
Input voltage range	90 V AC ... 132 V AC
AC frequency range	47 Hz ... 63 Hz
Current consumption	approx. 3 A
Inrush surge current	< 24 A (at 25 °C)

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Power supply unit - QUINT-PS-120AC/24DC/10 - 2939072

Technical data

Input data

Mains buffering	> 20 ms
Input fuse	6.3 A (slow-blow, soldered internally)

Output data

Nominal output voltage	24 V DC ±1 % (typical)
Setting range of the output voltage (U_{Set})	11.5 V DC ... 18 V DC (constant)
Nominal output current (I_N)	10 A
Connection in parallel	Yes, for assembling redundant systems and increasing efficiency
Residual ripple	150 mV_{PP}
Peak switching voltages idling	100 mV_{PP} (1.2 MHz bandwidth)
Maximum power dissipation in no-load condition	< 5 W
Power loss nominal load max.	< 53 W

General

Net weight	1.4 kg
Operating voltage display	LED
Efficiency	> 84 %
Insulation voltage input/output	1.8 kV (routine test)
	3 kV (type test)
Degree of protection	IP20
MTBF (IEC 61709, SN 29500)	> 500000 h
Mounting position	On horizontal DIN rail NS 35 in acc. with EN 60715
Assembly instructions	alignable: vertical with spacing = 10 cm, horizontal with zero spacing

Connection data, input

Connection method	Pluggable screw connection
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	2.5 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	14
Stripping length	8 mm
Screw thread	M2,5

Connection data, output

Connection method	Pluggable screw connection
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Power supply unit - QUINT-PS-120AC/24DC/10 - 2939072

Technical data

Connection data, output

Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	4 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Stripping length	8 mm
Screw thread	M2,5

Standards and Regulations

Standard - Electrical safety	EN 60950/VDE 0805-1
	DIN EN 50178/VDE 0160:1998-04
	UL 508C
	CSA C22.2-14
	UL 1950
	CSA C22.2-950
	DIN VDE 0100-410
	DIN VDE 0106-101
Standard - Safe isolation	DIN VDE 0100-410
	DIN VDE 0106-101

Classifications

eCl@ss

eCl@ss 4.0	27040702
eCl@ss 4.1	27040702
eCl@ss 5.0	27242213
eCl@ss 5.1	27242213
eCl@ss 6.0	27049005

ETIM

ETIM 2.0	EC001039
ETIM 3.0	EC001039
ETIM 4.0	EC000599

UNSPSC

UNSPSC 6.01	30211502
UNSPSC 7.0901	39121004
UNSPSC 11	39121004
UNSPSC 13.2	39121004

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Phoenix Contact 2018 © - all rights reserved
http://www.phoenixcontact.com

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP