Your advantages at a glance

Combine the power supply components from Phoenix Contact to create an overall concept and benefit from the advantages of system integration.

One central interface for OUINT POWER and CAPAROC

- Rapid integration into the PROFINET network
- Easy and cost-effective integration of QUINT POWER into the network protocol of the CAPAROC circuit breaker system
- Complete data consistency from the 400 V primary side to the 24 V load supply

Quick and easy configuration

- Direct adoption of the configuration from the control level
- Saves time and avoids user errors

Reduce downtimes to a minimum

- The communicative system solution optimizes the data transparency of the entire system
- Errors can be detected in good time, localized, and corrected

www.phoenixcontact.com/power-system

QUINT POWER power supply © IO -Link					
24 DC / 20 A	Туре	Input	WxHxD		
	QUINT4-PS/ 3AC/24DC/20/IOL	3 x 320 V AC 550 V AC 2 x 360 V AC 550 V AC +/- 260 V DC 300 V DC	70 x 130 x 125 mm		
24 DC / 40 A	Туре	Input	WxHxD		
	QUINT4-PS/ 3AC/24DC/40/IOL	3 x 320 V AC 550 V AC 2 x 360 V AC 550 V AC +/- 260 V DC 300 V DC	120 x 130 x 125 mm		

CAPAROC circuit breaker

	Туре	Description
J.	CAPAROC power modules	 With PROFINET interface for complete transparency of all data Status output, I >80% message Reset input
	CAPAROC circuit breaker modules	 1-channel: Maximum modularity with 4 protected outputs 2-channel: Read off currents directly and set conveniently via rotary switch 4-channel: Maximum space saving with protection per channel from just 3 mm
	CAPAROC potential distribution module	 Direct integration into the system Plus and 0 V are established in pairs and are immediately recognizable via the color-coded pushers
	CAPAROC current rails	Basic current railsExtension current rails

Communicative supply system All data at a glance



Direct configuration from the controller





Notes

phoenixcontact.com



QUINT POWER power supplies – your advantages

Most powerful output side

- Static boost of up to 125% for easy system extensions
- Startup of heavy loads with the dynamic boost of up to 200% over-dimensioning not necessary
- SFB Technology selectively trips standard miniature circuit breakers; loads connected in parallel remain in operation

Robust input side

- Mains buffering >20 ms
- High electrical immunity with integrated gas discharge tube (up to 6 kV)
- Low inrush current

Long service life >> 15 years

- High-quality components
- Optimized arrangement and cooling concept
- Information on the remaining service life enables needs-based maintenance and effective replacement-part procurement

Easy system integration

• Direct integration into the CAPAROC circuit breaker system or QUINT4-UPS

Easy integration into all industrial networks

• With the integrated IO-Link interface

Quick and easy configuration

- Direct adoption of the configuration via the IO-Link master
- Time and cost savings during commissioning
- Minimization of the risk of user errors

Preventive function monitoring

SFB Technology

Designed by Phoenix Contact

- Comprehensive diagnostic options with evaluation of the input and output data as well as the remaining service life
- Critical operating states are reported before errors arise







CAPAROC circuit breakers – your advantages

The benchmark that you can tailor

- Numerous possible combinations
- Large selection of individual modules
- Various power modules
- 1-, 2-, and 4-channel circuit breaker modules
- Potential distribution module
- Current rails designed for modular extension
- Unlimited compatibility of the modules
- Can be extended at any time, even during ongoing operation
- Future system extensions and upgrades
- Will remain technologically state-of-the-art with future updates

Particularly simple operation

- Plug and Play: Intuitive and fast system setup
- Tool-free mounting, installation, commissioning, and expansion
- Recognizable and clear visualization of the various states with color-coded LEDs
- Large-surface marking options
- Intuitive wiring and clear assignment of plus and minus for each circuit with color-coded push-in contacts
- Tool-free maintenance without operational interruptions with the rear-sided supply of all modules

QUINT POWER and CAPAROC signaling

Simple and intuitive design-in

- Tailor your system in just two steps with the intuitive online configurator
- Digital services for your tailored system, from data sheets, through 3D files, all the way to marking and EPLAN files

Launch

CAP

• Order the entire system with just one individual order number



UINT POWER power supplies		Normal operation P _{OUT} <100% P _N	Boost P _{out} >100% P _N	Overload operation P _{OUT} <0.9 x U _{SET}
29.5V Signal 3.1	LED: P _{OUT} >100%			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	LED: P _{out} >75%			
✓ JT 24V > 100% Boost > 75% Po-	LED: P _{OUT} >50%			
	LED: DC OK			

AROC circuit breaker system		Normal operation 10 30 V DC	Beyond the operating voltage range	No operating voltage
ANDC PAN PAN	LED: PWR			
		Normal operation Channel switched on	Channel load I >80%	Overload/short circuit Channel switched off
MAC: 00-A0-466	LED: Channel			5 s Triggered: Cooling phase

Further signaling options can be found in the QUINT POWER and CAPAROC data sheets.



🚷 IO-Link



Communicative 24 V supply system QUINT POWER and CAPAROC

