



# An unbeatable team

Surge protection and power supply for high system availability

## Maximum protection for your system

Every system requires well-coordinated components. This is the only way to ensure high system availability, even in the case of high EMC loads. This approach avoids undesirable, expensive production downtimes.

The optimally harmonized combination of PLUGTRAB-SEC surge protection and the 4th generation QUINT POWER power supply provides maximum protection for your system, even under extreme environmental conditions.

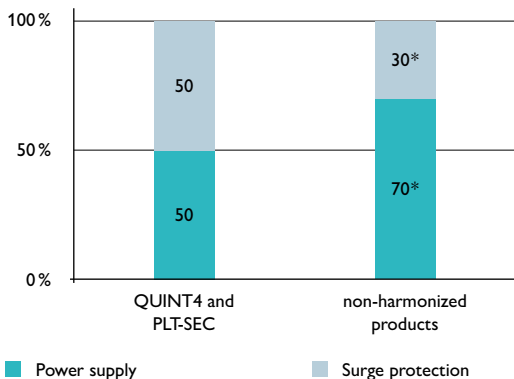
### Your advantages using this combination

- ✓ Up to ten times higher protection for the power supply against overvoltages
- ✓ Double the power supply life expectancy
- ✓ High planning security, thanks to 5-year guarantee

## Higher current carrying capacity

The use of harmonized surge protection components enables symmetrical current distribution when an overvoltage occurs.

**Current distribution with an 8/20  $\mu$ s surge current pulse**



\* Distribution depends on product

Test results inclusive of explanations can be found on our website.

# Your advantages in detail

## Advantages of the symmetrical current distribution

- **Up to ten times higher protection**

By using the type 3 PLT-SEC surge protective device, the QUINT POWER power supply is ten times better able to withstand surge currents than it would be without this protection.

- **Double the service life expectancy**

Thanks to the harmonized combination of the PLT-SEC surge protection and the QUINT POWER power supply, the power supply's life expectancy doubles in comparison to products that are not harmonized with each other.

### Did you know?

We stand behind our team – if your 4th generation QUINT POWER gets damaged despite using this combination, you will receive a replacement free of charge in the first five years following purchase.

Guarantee conditions can be found here: [phoenixcontact.com/#2639](https://phoenixcontact.com/#2639).

Achim Zirkel,  
expert for  
surge protection



# Our team players in detail



## **QUINT POWER**

### **power supply**

- SFB Technology
- Static and dynamic boost
- Preventive function monitoring
- Individual solutions starting from a batch quantity of just 1





## **PLT-SEC**

### **surge protection**

- Protection for end devices
- Selection of preferred connection technology
- Status indicator and remote indication contact
- Pluggable and testable

Performance class	Type	Order No.
<b>120 W</b>		
	QUINT4-PS/1AC/24DC/5	2904600
<b>240 W</b>		
	QUINT4-PS/1AC/24DC/10 QUINT4-PS/1AC/12DC/15 QUINT4-PS/1AC/48DC/5 QUINT4-PS/1AC/24DC/10/CO QUINT4-PS/1AC/48DC/10/CO	2904601 2904608 2904610 2904625 2904626
<b>480 W</b>		
	QUINT4-PS/1AC/24DC/20 QUINT4-PS/1AC/24DC/20/+ QUINT4-PS/1AC/48DC/10 QUINT4-PS/1AC/110DC/4	2904602 2904617 2904611 2904613
<b>960 W</b>		
	QUINT4-PS/1AC/24DC/40	2904603



Version	Type	Order No.
<b>120 V</b>		
	Push-in connection PLT-SEC-T3-120-FM-PT	2907927
	Screw connection PLT-SEC-T3-120-FM-UT	2907918
<b>230 V</b>		
	Push-in connection PLT-SEC-T3-230-FM-PT	2907928
	Screw connection PLT-SEC-T3-230-FM-UT	2907919

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INSPIRING INNOVATIONS