



Power Reliability



Perfect Teams

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.

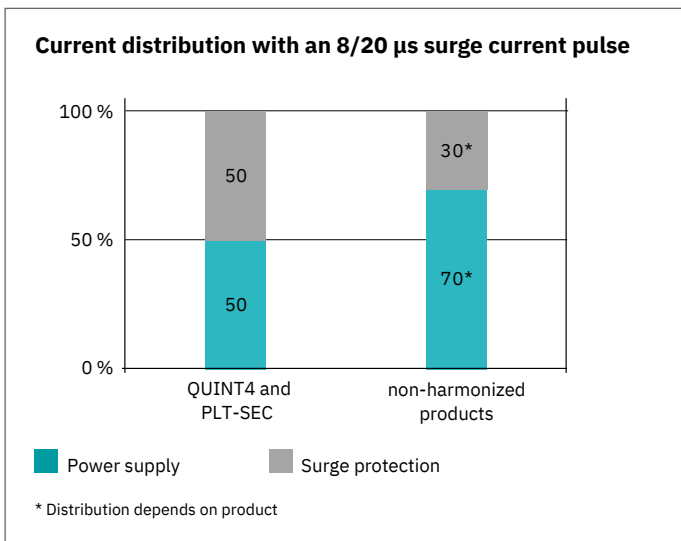
The optimally harmonized combination of PLUGTRAB-SEC surge protection and the 4th generation QUINT POWER power supply provides maximum protection for your system, even under extreme environmental conditions.

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 the lifetime warranty

Higher current carrying capacity

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



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

 **Web code: #2639**

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**

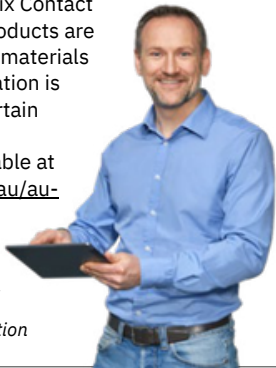
Thanks to the harmonized combination of the PLT-SEC surge protection and the QUINT POWER power supply, the power supply's life expectancy doubles in comparison to products that are not harmonized with each other.

Did you know?

Our team is confident. Even with this combination, damage may still occur to your QUINT POWER, 4th generation. Phoenix Contact Australia warrants that many of our products are free from defects in workmanship and materials for the lifetime of the product. Registration is required for Lifetime Warranty, and certain restrictions apply. *

Lifetime warranty conditions are available at <https://www.phoenixcontact.com/en-au/au-lifetime-warranty>.

*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	Item no.
120 W		
	QUINT4-PS/1AC/24DC/5	2904600
240 W		
	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
480 W		
	QUINT4-PS/1AC/24DC/20 QUINT4-PS/1AC/24DC/20/+ QUINT4-PS/1AC/48DC/10 QUINT4-PS/1AC/110DC/4	2904602 2904617 2904611 2904613
960 W		
	QUINT4-PS/1AC/24DC/40	2904603

Version	Type	item no.
120 W		
	Push-in connection PLT-SEC-T3-120-FM-PT	2907927
	Screw connection PLT-SEC-T3-120-FM-UT	2907918
230 V		
	Push-in connection PLT-SEC-T3-230-FM-PT	2907928
	Screw connection PLT-SEC-T3-230-FM-UT	2907919

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