

Product change notification (PCN)

Title / short description	Firmware update of the QUINT4-UPS/24DC product family
Affected article category	Power supplies and UPS
Change category	Software modification, Marking, Function
Change number	CCM260059-00
Reason for PCN/PDN Revision	

Purpose/objective of the change

Firmware update of the QUINT4-UPS/24DC product family to improve system stability, reliability and cybersecurity (addressing identified CVE vulnerabilities) through optimized battery management, enhanced system behavior and extended diagnostic and energy saving functions.

Detailed description of the change

This Product Change Notification communicates a firmware update for the QUINT4-UPS/24DC product family, introducing version charge V/C07, replacing the previous version charge V/C06. The update focuses on improving system stability, operational reliability. Key enhancements include optimized battery fuse detection, improved switching behavior between standby and mains operation, and a more robust State of Charge (SOC) calculation under dynamic load conditions. In addition, the update introduces an extended quality check for non IQ batteries, which needs to be activated via Power Management Suite (PMS) or industrial network protocols. It is mandatory to enter and save the battery's nominal capacity and the resistance value between UPS and battery. The firmware also provides an optional energy saving feature by allowing deactivation of the LED bar graph. The product's short circuit behavior has been further refined to increase protection performance (FW $\geq 2.1.1$). The change has no impact on form, fit or electrical interfaces and ensures full backward compatibility with existing installations. When using PMS with VC07 devices, a new device description file is required. Concerning cybersecurity resilience in industrial applications, PSIRT vulnerabilities CVE-2025-41704, CVE-2025-41705, CVE-2025-41706, CVE-2025-41707 were addressed for QUINT4-UPS/24DC.../EIP devices.

Identifying characteristics

Change will be valid with version charge V/C07. Version charge V/C is printed on product and packaging label.

FW-Version is printed on the lower right part of the side label of the UPS.

Start of Production (SOP)	-	Last Time Delivery (LTD)	-
Effective date (EOP)	2026-09-01	End of Service (EOSR)	-
End of Sales (EOS)	-		

Short-term change (< 6 months) or discontinuation (< 12 months), due to:

- | | | |
|--|--|--|
| ☒ Software / Firmware Bugfix | ☐ Short-term delivery stop by supplier | ☐ Short-term recall by supplier |
| ☐ Force majeure | ☒ Product improvement with customer benefits | |
| ☐ Others | | |

Attachments

- Material_list.csv
- PCN-CCM260059-00_EN

Material list

Item no.	Item Type	Hardware old	Firmware new	Item no.	Substitute item Type
2906990	QUINT4-UPS/24DC/24DC/5	V/C 06	V/C 07		
2906991	QUINT4-UPS/24DC/24DC/5/USB	V/C 06	V/C 07		
2906993	QUINT4-UPS/24DC/24DC/5/PN	V/C 06	V/C 07		
2906994	QUINT4-UPS/24DC/24DC/5/EIP	V/C 06	V/C 07		
2906996	QUINT4-UPS/24DC/24DC/5/EC	V/C 06	V/C 07		
2907066	QUINT4-UPS/24DC/24DC/10	V/C 06	V/C 07		
2907067	QUINT4-UPS/24DC/24DC/10/USB	V/C 06	V/C 07		
2907068	QUINT4-UPS/24DC/24DC/10/PN	V/C 06	V/C 07		
2907069	QUINT4-UPS/24DC/24DC/10/EIP	V/C 06	V/C 07		
2907070	QUINT4-UPS/24DC/24DC/10/EC	V/C 06	V/C 07		
2907071	QUINT4-UPS/24DC/24DC/20	V/C 06	V/C 07		
2907072	QUINT4-UPS/24DC/24DC/20/USB	V/C 06	V/C 07		
2907073	QUINT4-UPS/24DC/24DC/20/PN	V/C 06	V/C 07		
2907074	QUINT4-UPS/24DC/24DC/20/EIP	V/C 06	V/C 07		
2907076	QUINT4-UPS/24DC/24DC/20/EC	V/C 06	V/C 07		
2907077	QUINT4-UPS/24DC/24DC/40	V/C 06	V/C 07		
2907078	QUINT4-UPS/24DC/24DC/40/USB	V/C 06	V/C 07		
2907079	QUINT4-UPS/24DC/24DC/40/PN	V/C 06	V/C 07		
2907080	QUINT4-UPS/24DC/24DC/40/EIP	V/C 06	V/C 07		
2907081	QUINT4-UPS/24DC/24DC/40/EC	V/C 06	V/C 07		

Phoenix Contact Art.Nr.;Phoenix Contact Art.Bez.;Bemerkung

2906990	HW/FW ne eCl@ss 13.0: 27040705
2906991	HW/FW ne eCl@ss 13.0: 27040705
2906993	HW/FW ne eCl@ss 13.0: 27040705
2906994	HW/FW ne eCl@ss 13.0: 27040705
2906996	HW/FW ne eCl@ss 13.0: 27040705
2907066	HW/FW ne eCl@ss 13.0: 27040705
2907067	HW/FW ne eCl@ss 13.0: 27040705
2907068	HW/FW ne eCl@ss 13.0: 27040705
2907069	HW/FW ne eCl@ss 13.0: 27040705
2907070	HW/FW ne eCl@ss 13.0: 27040705
2907071	HW/FW ne eCl@ss 13.0: 27040705
2907072	HW/FW ne eCl@ss 13.0: 27040705
2907073	HW/FW ne eCl@ss 13.0: 27040705
2907074	HW/FW ne eCl@ss 13.0: 27040705
2907076	HW/FW ne eCl@ss 13.0: 27040705
2907077	HW/FW ne eCl@ss 13.0: 27040705
2907078	HW/FW ne eCl@ss 13.0: 27040705
2907079	HW/FW ne eCl@ss 13.0: 27040705
2907080	HW/FW ne eCl@ss 13.0: 27040705
2907081	HW/FW ne eCl@ss 13.0: 27040705

Kunde;	Name 1;	Name 2;	Name 3;	Name 4;	Straße;	PLZ;	Stadt;	Phoenix Contact Art.Nr.;	Phoenix Contact Art.Be
49786	;TI Inc.;;;	Ganghoferstraße 34;	82216;	Maisach;	2907067				;QUINT4-UPS/24DC/24DC
49786	;TI Inc.;;;	Ganghoferstraße 34;	82216;	Maisach;	2907069				;QUINT4-UPS/24DC/24DC
49786	;TI Inc.;;;	Ganghoferstraße 34;	82216;	Maisach;	2907071				;QUINT4-UPS/24DC/24DC
49786	;TI Inc.;;;	Ganghoferstraße 34;	82216;	Maisach;	2907077				;QUINT4-UPS/24DC/24DC

z.;Ihre Materialnr.;Menge 2024 ST;Menge 2025 ST;Menge 2026 ST;AE 2026 ST

Item no.;Type;old;new;Substitute item;Replacement product designation;eCl@ss 13.0;
2906990;QUINT4-UPS/24DC/24DC/5;V/C 06;V/C 07;;;27040705;
2906991;QUINT4-UPS/24DC/24DC/5/USB;V/C 06;V/C 07;;;27040705;
2906993;QUINT4-UPS/24DC/24DC/5/PN;V/C 06;V/C 07;;;27040705;
2906994;QUINT4-UPS/24DC/24DC/5/EIP;V/C 06;V/C 07;;;27040705;
2906996;QUINT4-UPS/24DC/24DC/5/EC;V/C 06;V/C 07;;;27040705;
2907066;QUINT4-UPS/24DC/24DC/10;V/C 06;V/C 07;;;27040705;
2907067;QUINT4-UPS/24DC/24DC/10/USB;V/C 06;V/C 07;;;27040705;
2907068;QUINT4-UPS/24DC/24DC/10/PN;V/C 06;V/C 07;;;27040705;
2907069;QUINT4-UPS/24DC/24DC/10/EIP;V/C 06;V/C 07;;;27040705;
2907070;QUINT4-UPS/24DC/24DC/10/EC;V/C 06;V/C 07;;;27040705;
2907071;QUINT4-UPS/24DC/24DC/20;V/C 06;V/C 07;;;27040705;
2907072;QUINT4-UPS/24DC/24DC/20/USB;V/C 06;V/C 07;;;27040705;
2907073;QUINT4-UPS/24DC/24DC/20/PN;V/C 06;V/C 07;;;27040705;
2907074;QUINT4-UPS/24DC/24DC/20/EIP;V/C 06;V/C 07;;;27040705;
2907076;QUINT4-UPS/24DC/24DC/20/EC;V/C 06;V/C 07;;;27040705;
2907077;QUINT4-UPS/24DC/24DC/40;V/C 06;V/C 07;;;27040705;
2907078;QUINT4-UPS/24DC/24DC/40/USB;V/C 06;V/C 07;;;27040705;
2907079;QUINT4-UPS/24DC/24DC/40/PN;V/C 06;V/C 07;;;27040705;
2907080;QUINT4-UPS/24DC/24DC/40/EIP;V/C 06;V/C 07;;;27040705;
2907081;QUINT4-UPS/24DC/24DC/40/EC;V/C 06;V/C 07;;;27040705;