

Product change notification (PCN)

Title / short description	Change of mating face and housing screws
Affected article category	Charging technology for electromobility
Change category	Function
Change number	CXW260037-00
Reason for PCN/PDN Revision	

Purpose/objective of the change

Robustness improvement of mating face screw connection

Detailed description of the change

As part of Phoenix Contact's goal of continuous improvement of our products for charging infrastructure, in our CCS2 375A connector product group (CHARX PT2C-DC375...) the screw connection in the area of the mating face is being improved to increase the mechanical robustness of the assembly during repeated mating and unmating cycles.

The adapted screw design and fastening concept strengthen the resistance of the mating face against mechanical loads occurring during operation. In particular, the change supports improved force retention of the screw connection and load absorption during plugging and unplugging.

This product improvement further enhances the durability and resilience of our connectors over the intended usage and operating cycles. It contributes to increased functional stability by strengthening the mechanical load-bearing capability of the affected area and supporting a more secure screw connection under operational load conditions.

These new screws will feature a different drive with a standard Torx T20 in order to ensure more simple exchange of the mating face, furthermore all repair kits will be available with the new screws and bits in order to allow for an in-field improvement of our connectors. The DC contact screws will remain with the Torx IPR T20 security drive. Documentation for the adjusted exchange process will be made available in the coming days.

Additional product lines are also covered with this PCN, that will be switched over in the coming weeks, in order to bring this robustness increase to more products.

Identifying characteristics

Different screw head visible on the mating face screws with Torx T20 drive

Start of Production (SOP)	2026-07-21	Last Time Delivery (LTD)	-
Effective date (EOP)	2026-07-21	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-CXW260037-00_EN

Material list

Item no.	Item Type	Hardware old	Firmware new	Item no.	Substitute item Type
1288248	EV-T1CCS-MF-M4X10-C	3	4		
1158266	EV-T1CCS-MF-M4X10-BIT-C	3	4		
1582285	CHARX T2CCS-MFC-M4X10-BIT	2	3		
1085797	EV-T2CCS-MF-M4X10	3	4		
1315148	EV-T2CCS-MF-M4X10-NAB	2	3		
1192781	EV-T1G2CC-DEMO-0,1M1ASBK11	7	8		
1301442	EV-T2HPCC-DC500A-3,5M50-A1C1	13	14		
1087136	EV-T2HPCC-DC500A-4,0M50ECBK11	19	20		
1148234	EV-T2HPCC-DC500A-3,0M50ECBK11	14	15		
1333722	EV-T2HPCC-DC400A-8,0M50ECBK11R	10	11		
1542909	EV-T2HPCC-DC500A-6,0M50ECBK11R	5	6		
1645868	EV-T2HPCC-DC400A-7,5M50ECBK11	6	7		
1197249	EV-T2HPCC-DC500A-3,5M50ECBK11	14	15		
1693106	EV-T2HPCC-DC500A-5,2M50-I1Y1	4	5		
1349015	EV-T2HPCC-DC500A-3,92M50-S1S2	8	9		
1583944	EV-T2HPCC-DC500A-6,0M50EXBK11R	5	6		
1101531	EV-T2HPCC-DC500A-5,5M50ECBK11	16	17		
1369289	EV-T2HPCC-DC500A-3,0M50ECBK11R	9	10		
1089665	EV-T2HPCC-DC500A-5,0M50ECBK11R	11	12		
1368038	EV-T2HPCC-DC500A-5,5M50-A1C1	10	11		
1301445	EV-T2HPCC-DC500A-5,0M50-A1C1	14	15		
1525277	EV-T2HPCC-DC500A-5,0M50-K2L1	6	7		
1349005	EV-T2HPCC-DC500A-5,82M50-S1S2	8	9		
1368042	EV-T2HPCC-DC500A-6,0M50-A1C1	10	11		
1693105	EV-T2HPCC-DC500A-4,5M50-I1Y1	4	5		
1085638	EV-T2HPCC-DC500A-5,0M50ECBK11	19	20		
1085637	EV-T2HPCC-DC500A-5,0M50ECBK11L	11	12		
1101642	EV-T2HPCC-DC500A-6,0M50ECBK11	16	17		
1085631	EV-T2HPCC-DC500A-5,0M50ECBK11S	12	13		
1741749	CHARX PT2C-DC375-7,5M-A1C1	10	11		
1538358	CHARX PT2C-DC375-6,0MES00P1	13	14		
1718043	CHARX PT2C-DC375-9,5MES00P	10	11		
1538067	CHARX PT2C-DC375-7,0MES00P1	13	14		
1669549	CHARX PT2C-DC375-5,91M-S1S1	12	13		

Item no.	Item Type	Hardware old	Firmware new	Item no.	Substitute item Type
1531924	CHARX PT2C-DC375-6,0MES00P	13	14		
1531927	CHARX PT2C-DC375-5,5MES00P	13	14		
1886918	CHARX PT2C-DC375-20,5MES00P	5	6		
1773991	CHARX PT2C-DC375-10,5MES00P	9	10		
1538066	CHARX PT2C-DC375-5,0MES00P1	13	14		
1669696	CHARX PT2C-DC375-7,91M-S1S1	12	13		
1531911	CHARX PT2C-DC375-7,5MES00P	13	14		
1741751	CHARX PT2C-DC375-5,5M-A1C1	10	11		
1531908	CHARX PT2C-DC375-8,0MES00P	13	14		
1538354	CHARX PT2C-DC375-8,0MES00P1	13	14		
1790237	CHARX PT2C-DC375-6,0M-A1C1	9	10		
1731209	CHARX PT2C-DC375-8,6MES00P	10	11		
1718048	CHARX PT2C-DC375-4,5MES00P	10	11		
1531913	CHARX PT2C-DC375-6,5MES00P	13	14		
1718047	CHARX PT2C-DC375-8,5MES00P	10	11		
1733064	CHARX PT2C-DC375-25,0MES00P-SA	10	11		
1767363	CHARX PT2C-DC375-15,5MES00P	9	10		
1531919	CHARX PT2C-DC375-4,0MES00P	13	14		
1718044	CHARX PT2C-DC375-9,0MES00P	10	11		
1577408	CHARX PT2C-DC375-10,0MES00P1	12	13		
1737599	CHARX PT2C-DC375-3,5MES00P	10	11		
1396518	CHARX PT2C-DC375-5,0MES00P	17	18		
1531934	CHARX PT2C-DC375-10,0MES00P	13	14		
1531920	CHARX PT2C-DC375-7,0MES00P	13	14		
1885474	CHARX PT2H-DC800-6,0MEC00P	0	1		
1820938	CHARX PT2H-DC800-5,0MEC00P	1	2		
1885476	CHARX PT2H-DC800-7,0MEC00P	0	1		
1430338	EV-T1HPCC-DC500A-6,0M50ECBK11	8	9		
1085642	EV-T1HPCC-DC500A-5,0M50ECBK11L	12	13		
1089931	EV-T1HPCC-DC500A-5,0M50ECBK11R	12	13		
1085800	EV-T1CCS-MF-M4X10	1	2		
1085802	EV-T1CCS-MF-M4X10-BIT-CTS	2	3		
1085799	EV-T2CCS-MF-M4X10-BIT-CTS	4	5		
1101121	EV-T1G2CC-DC200A-25FT1ASBK11	11	12		
1051695	EV-T1G2CC-DC200A-5,0M1ASBK11	13	14		
1885527	CHARX PT1H-DC500-25FMEC00P	0	1		
1386211	EV-T1HPCC-DC500A-5,0M50-A1C1	11	12		

Item no.	Item Type	Hardware / Firmware old	new	Item no.	Substitute item Type
1385752	EV-T1HPCC-DC500A-3,5M50-A1C1	11	12		
1851395	CHARX PT1H-DC500-6,0MEC00P	1	2		
1881961	CHARX PT1H-DC500-5,0MEC00P	0	1		
1885522	CHARX PT1H-DC500-8,0MEC00P	0	1		
1818297	CHARX PT1H-DC500A-6,0MES00P	2	3		
1281251	EV-T1CCS-MF-M4X10-CTS	3	4		
1582262	CHARX T2CCS-MFC-M4X10	2	3		
1281249	EV-T2CCS-MF-M4X10-CTS	3	4		
1085641	EV-T1HPCC-DC500A-5,0M50ECBK11S	10	11		
1085658	EV-T1HPCC-DC500A-5,0M50ECBK11	10	11		
1674635	EV-T2HPCC-DC500A-5,5M50-H1W1	1	2		
1387212	EV-T1G2CC-DC200A-8,5M1ASBK11	9	10		
1397567	EV-T1G2CC-DC200A-3,8M1-A1C1	10	11		
1101122	EV-T1G2CC-DC200A-6,0M1ASBK11	12	13		
1544353	EV-T1G2CC-DC200A-8,6M1ASBK11	3	4		
1391732	EV-T1G2CC-DC200A-5,3M1-A1C1	10	11		
1435005	EV-T1G2CC-DC200A-10,0M1ASBK11	9	10		
1483491	EV-T1G2CC-DC200A-8,0M1ASBK11	6	7		
1311324	EV-T1G2CC-DC200A-7,0M1ASBK11	9	10		
1718010	EV-T2HPCC-DC500A-6,0M50ECBK11M	6	7		
1718008	EV-T2HPCC-DC500A-2,0M50ECBK11M	4	5		
1494471	EV-T2HPCC-DC500A-5,0M50ECBK11M	5	6		
1085801	EV-T1CCS-MF-M4X10-BIT	2	3		
1085798	EV-T2CCS-MF-M4X10-BIT	3	4		
1673036	CHARX PT2HS-DC800-5,0-A1C1-SRA	0	1		
1673036	CHARX PT2HS-DC800-5,0-A1C1-SRA	3	4		

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

1288248	HW/FW ne eCl@ss 13.0: 27144792
1158266	HW/FW ne eCl@ss 13.0: 27144792
1582285	HW/FW ne eCl@ss 13.0: 27144792
1085797	HW/FW ne eCl@ss 13.0: 27144792
1315148	HW/FW ne eCl@ss 13.0: 27144792
1192781	1M1ASBK1 HW/FW ne eCl@ss 13.0: 27144792
1301442	5M50-A1C1 HW/FW ne eCl@ss 13.0: 27144705
1087136	0M50ECBK HW/FW ne eCl@ss 13.0: 27144705
1148234	0M50ECBK HW/FW ne eCl@ss 13.0: 27144705
1333722	0M50ECBK HW/FW ne eCl@ss 13.0: 27144705
1542909	0M50ECBK HW/FW ne eCl@ss 13.0: 27144705
1645868	5M50ECBK HW/FW ne eCl@ss 13.0: 27144705
1197249	5M50ECBK HW/FW ne eCl@ss 13.0: 27144705
1693106	2M50-I1Y1; HW/FW ne eCl@ss 13.0: 27144705
1349015	92M50-S1S HW/FW ne eCl@ss 13.0: 27144705
1583944	0M50EXBK HW/FW ne eCl@ss 13.0: 27144705
1101531	5M50ECBK HW/FW ne eCl@ss 13.0: 27144705
1369289	0M50ECBK HW/FW ne eCl@ss 13.0: 27144705
1089665	0M50ECBK HW/FW ne eCl@ss 13.0: 27144705
1368038	5M50-A1C1 HW/FW ne eCl@ss 13.0: 27144705
1301445	0M50-A1C1 HW/FW ne eCl@ss 13.0: 27144705
1525277	0M50-K2L1 HW/FW ne eCl@ss 13.0: 27144705
1349005	82M50-S1S HW/FW ne eCl@ss 13.0: 27144705
1368042	0M50-A1C1 HW/FW ne eCl@ss 13.0: 27144705
1693105	5M50-I1Y1; HW/FW ne eCl@ss 13.0: 27144705
1085638	0M50ECBK HW/FW ne eCl@ss 13.0: 27144705
1085637	0M50ECBK HW/FW ne eCl@ss 13.0: 27144705
1101642	0M50ECBK HW/FW ne eCl@ss 13.0: 27144705
1085631	0M50ECBK HW/FW ne eCl@ss 13.0: 27144705
1741749	5M-A1C1;H HW/FW ne eCl@ss 13.0: 27144705
1538358	0MES00P1; HW/FW ne eCl@ss 13.0: 27144705
1718043	5MES00P; HW/FW ne eCl@ss 13.0: 27144705
1538067	0MES00P1; HW/FW ne eCl@ss 13.0: 27144705
1669549	91M-S1S1; HW/FW ne eCl@ss 13.0: 27144705
1531924	0MES00P; HW/FW ne eCl@ss 13.0: 27144705
1531927	5MES00P; HW/FW ne eCl@ss 13.0: 27144705
1886918	5MES00P;
1773991	5MES00P; HW/FW ne eCl@ss 13.0: 27144705
1538066	0MES00P1; HW/FW ne eCl@ss 13.0: 27144705
1669696	91M-S1S1; HW/FW ne eCl@ss 13.0: 27144705
1531911	5MES00P; HW/FW ne eCl@ss 13.0: 27144705
1741751	5M-A1C1;H HW/FW ne eCl@ss 13.0: 27144705
1531908	0MES00P; HW/FW ne eCl@ss 13.0: 27144705
1538354	0MES00P1; HW/FW ne eCl@ss 13.0: 27144705
1790237	0M-A1C1;H HW/FW ne eCl@ss 13.0: 27144705
1731209	6MES00P; HW/FW ne eCl@ss 13.0: 27144705
1718048	5MES00P; HW/FW ne eCl@ss 13.0: 27144705

1531913 5MES00P; HW/FW ne eCl@ss 13.0: 27144705
1718047 5MES00P; HW/FW ne eCl@ss 13.0: 27144705
1733064 0MES00P-SA;
1767363 5MES00P; HW/FW ne eCl@ss 13.0: 27144705
1531919 0MES00P; HW/FW ne eCl@ss 13.0: 27144705
1718044 0MES00P; HW/FW ne eCl@ss 13.0: 27144705
1577408 0MES00P1; HW/FW ne eCl@ss 13.0: 27144705
1737599 5MES00P; HW/FW ne eCl@ss 13.0: 27144705
1396518 0MES00P; HW/FW ne eCl@ss 13.0: 27144705
1673036 0-A1C1-SR HW/FW ne eCl@ss 13.0: 27144705
1673036 0-A1C1-SR HW/FW ne eCl@ss 13.0: 27144705
1531934 0MES00P; HW/FW ne eCl@ss 13.0: 27144705
1531920 0MES00P; HW/FW ne eCl@ss 13.0: 27144705
1885474 0MEC00P;
1820938 0MEC00P; HW/FW ne eCl@ss 13.0: 27144705
1885476 0MEC00P;
1430338 0M50ECBK HW/FW ne eCl@ss 13.0: 27144705
1085642 0M50ECBK HW/FW ne eCl@ss 13.0: 27144705
1089931 0M50ECBK HW/FW ne eCl@ss 13.0: 27144705
1085800 HW/FW ne eCl@ss 13.0: 27144792
1085802 HW/FW ne eCl@ss 13.0: 27144792
1085799 HW/FW ne eCl@ss 13.0: 27144792
1101121 HW/FW ne eCl@ss 13.0: 27144705
1051695 0M1ASBK1 HW/FW ne eCl@ss 13.0: 27144705
1885527 ;CHARX PT1H-DC500-25FMEC00P;
1386211 0M50-A1C1 HW/FW ne eCl@ss 13.0: 27144705
1385752 5M50-A1C1 HW/FW ne eCl@ss 13.0: 27144705
1851395 0MEC00P; HW/FW ne eCl@ss 13.0: 27144705
1881961 0MEC00P;
1885522 0MEC00P;
1818297 0MES00P; HW/FW ne eCl@ss 13.0: 27144705
1281251 HW/FW ne eCl@ss 13.0: 27144792
1582262 HW/FW ne eCl@ss 13.0: 27144792
1281249 HW/FW ne eCl@ss 13.0: 27144792
1085641 0M50ECBK HW/FW ne eCl@ss 13.0: 27144705
1085658 0M50ECBK HW/FW ne eCl@ss 13.0: 27144705
1674635 5M50-H1W1;
1387212 5M1ASBK1 HW/FW ne eCl@ss 13.0: 27144705
1397567 8M1-A1C1; HW/FW ne eCl@ss 13.0: 27144705
1101122 0M1ASBK1 HW/FW ne eCl@ss 13.0: 27144705
1544353 6M1ASBK1 HW/FW ne eCl@ss 13.0: 27144705
1391732 3M1-A1C1; HW/FW ne eCl@ss 13.0: 27144705
1435005 0M1ASBK1 HW/FW ne eCl@ss 13.0: 27144705
1483491 0M1ASBK1 HW/FW ne eCl@ss 13.0: 27144705
1311324 0M1ASBK1 HW/FW ne eCl@ss 13.0: 27144705
1718010 0M50ECBK HW/FW ne eCl@ss 13.0: 27144705
1718008 0M50ECBK HW/FW ne eCl@ss 13.0: 27144705
1494471 0M50ECBK HW/FW ne eCl@ss 13.0: 27144705

1085801 HW/FW ne eCl@ss 13.0: 27144792
1085798 HW/FW ne eCl@ss 13.0: 27144792

Kunde;Name 1;Name 2;Name 3;Name 4;Straße;PLZ;Stadt;Phoenix Contact Art.Nr.;Phoenix Contact Art.Be
49786 ;TT Inc.;;;;Gan;0MES00P;PHX1531934;;;10 ST;10 ST
49786 ;TT Inc.;;;;Gan;0MEC00P;PHX1820938;;;15 ST;15 ST

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;
1288248;EV-T1CCS-MF-M4X10-C;3;4;;;27144792;
1158266;EV-T1CCS-MF-M4X10-BIT-C;3;4;;;27144792;
1582285;CHARX T2CCS-MFC-M4X10-BIT;2;3;;;27144792;
1085797;EV-T2CCS-MF-M4X10;3;4;;;27144792;
1315148;EV-T2CCS-MF-M4X10-NAB;2;3;;;27144792;
1192781;E' 1M1ASBK11;7;8;;;27144792;
1301442;E' 5M50-A1C1;13;14;;;27144705;
1087136;E' 0M50ECBK11;19;20;;;27144705;
1148234;E' 0M50ECBK11;14;15;;;27144705;
1333722;E' 0M50ECBK11R;10;11;;;27144705;
1542909;E' 0M50ECBK11R;5;6;;;27144705;
1645868;E' 5M50ECBK11;6;7;;;27144705;
1197249;E' 5M50ECBK11;14;15;;;27144705;
1693106;E' 2M50-I1Y1;4;5;;;27144705;
1349015;E' 92M50-S1S2;8;9;;;27144705;
1583944;E' 0M50EXBK11R;5;6;;;27144705;
1101531;E' 5M50ECBK11;16;17;;;27144705;
1369289;E' 0M50ECBK11R;9;10;;;27144705;
1089665;E' 0M50ECBK11R;11;12;;;27144705;
1368038;E' 5M50-A1C1;10;11;;;27144705;
1301445;E' 0M50-A1C1;14;15;;;27144705;
1525277;E' 0M50-K2L1;6;7;;;27144705;
1349005;E' 82M50-S1S2;8;9;;;27144705;
1368042;E' 0M50-A1C1;10;11;;;27144705;
1693105;E' 5M50-I1Y1;4;5;;;27144705;
1085638;E' 0M50ECBK11;19;20;;;27144705;
1085637;E' 0M50ECBK11L;11;12;;;27144705;
1101642;E' 0M50ECBK11;16;17;;;27144705;
1085631;E' 0M50ECBK11S;12;13;;;27144705;
1741749;C 5M-A1C1;10;11;;;27144705;
1538358;C 0MES00P1;13;14;;;27144705;
1718043;C 5MES00P;10;11;;;27144705;
1538067;C 0MES00P1;13;14;;;27144705;
1669549;C 91M-S1S1;12;13;;;27144705;
1531924;C 0MES00P;13;14;;;27144705;
1531927;C 5MES00P;13;14;;;27144705;
1886918;C 5MES00P;5;6;;;;
1773991;C 5MES00P;9;10;;;27144705;
1538066;C 0MES00P1;13;14;;;27144705;
1669696;C 91M-S1S1;12;13;;;27144705;
1531911;C 5MES00P;13;14;;;27144705;
1741751;C 5M-A1C1;10;11;;;27144705;
1531908;C 0MES00P;13;14;;;27144705;
1538354;C 0MES00P1;13;14;;;27144705;
1790237;C 0M-A1C1;9;10;;;27144705;
1731209;C 6MES00P;10;11;;;27144705;
1718048;C 5MES00P;10;11;;;27144705;

1531913;C 5MES00P;13;14;;;27144705;
1718047;C 5MES00P;10;11;;;27144705;
1733064;C 0MES00P-SA;10;11;;;;
1767363;C 5MES00P;9;10;;;27144705;
1531919;C 0MES00P;13;14;;;27144705;
1718044;C 0MES00P;10;11;;;27144705;
1577408;C 0MES00P1;12;13;;;27144705;
1737599;C 5MES00P;10;11;;;27144705;
1396518;C 0MES00P;17;18;;;27144705;
1531934;C 0MES00P;13;14;;;27144705;
1531920;C 0MES00P;13;14;;;27144705;
1885474;C 0MEC00P;0;1;;;;
1820938;C 0MEC00P;1;2;;;27144705;
1885476;C 0MEC00P;0;1;;;;
1430338;E\ 0M50ECBK11;8;9;;;27144705;
1085642;E\ 0M50ECBK11L;12;13;;;27144705;
1089931;E\ 0M50ECBK11R;12;13;;;27144705;
1085800;EV-T1CCS-MF-M4X10;1;2;;;27144792;
1085802;EV-T1CCS-MF-M4X10-BIT-CTS;2;3;;;27144792;
1085799;EV-T2CCS-MF-M4X10-BIT-CTS;4;5;;;27144792;
1101121;EV-T1G2CC-DC200A-25FT1ASBK11;11;12;;;27144705;
1051695;E\ 0M1ASBK11;13;14;;;27144705;
1885527;CHARX PT1H-DC500-25FMEC00P;0;1;;;;
1386211;E\ 0M50-A1C1;11;12;;;27144705;
1385752;E\ 5M50-A1C1;11;12;;;27144705;
1851395;C 0MEC00P;1;2;;;27144705;
1881961;C 0MEC00P;0;1;;;;
1885522;C 0MEC00P;0;1;;;;
1818297;C 0MES00P;2;3;;;27144705;
1281251;EV-T1CCS-MF-M4X10-CTS;3;4;;;27144792;
1582262;CHARX T2CCS-MFC-M4X10;2;3;;;27144792;
1281249;EV-T2CCS-MF-M4X10-CTS;3;4;;;27144792;
1085641;E\ 0M50ECBK11S;10;11;;;27144705;
1085658;E\ 0M50ECBK11;10;11;;;27144705;
1674635;E\ 5M50-H1W1;1;2;;;;
1387212;E\ 5M1ASBK11;9;10;;;27144705;
1397567;E\ 8M1-A1C1;10;11;;;27144705;
1101122;E\ 0M1ASBK11;12;13;;;27144705;
1544353;E\ 6M1ASBK11;3;4;;;27144705;
1391732;E\ 3M1-A1C1;10;11;;;27144705;
1435005;E\ 0M1ASBK11;9;10;;;27144705;
1483491;E\ 0M1ASBK11;6;7;;;27144705;
1311324;E\ 0M1ASBK11;9;10;;;27144705;
1718010;E\ 0M50ECBK11M;6;7;;;27144705;
1718008;E\ 0M50ECBK11M;4;5;;;27144705;
1494471;E\ 0M50ECBK11M;5;6;;;27144705;
1085801;EV-T1CCS-MF-M4X10-BIT;2;3;;;27144792;
1085798;EV-T2CCS-MF-M4X10-BIT;3;4;;;27144792;

1673036;C 0-A1C1-SRA;0;1;;;27144705;

1673036;C 0-A1C1-SRA;3;4;;;27144705;