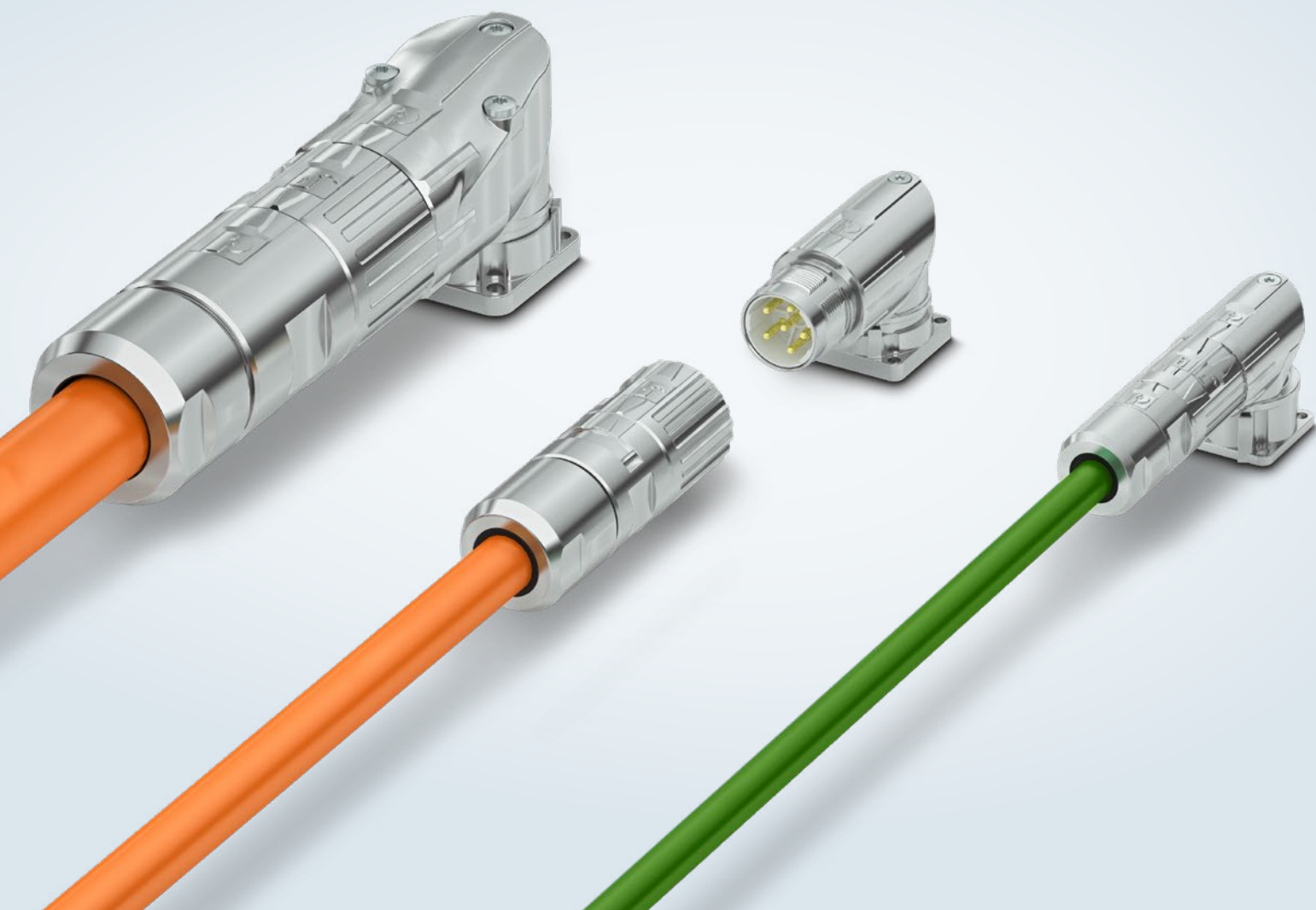




M17 to M40 PRO circular connectors

Product overview 2024

Cross-manufacturer compatible connectors – M17 to M40 PRO

Cross-manufacturer compatible: signal and power connectors from the M17 to M40 PRO series offer consistent solutions for signal and power transmission. With the unique ONECLICK fast-locking system, you can connect your device quickly and securely.



i Web code:
#2054

Sustainable and future-proof

Phoenix Contact is empowering sustainable products and already offers a comprehensive portfolio which is produced in accordance with future EU directives, with a reduced lead content below 0.1%. This corresponds to RoHS II without Exemption 6c.

You will find items that comply with the future EU directive and have a maximum lead content of 0.1% on our website via the standard item, using the filter “Lead content (EU-RoHS) – lead-free (Pb < 0.1%)”, or by entering the respective web code in the search field.

i Web code: #2904

new

RoHS

Pb < 0,1%



i Web code:
#2904

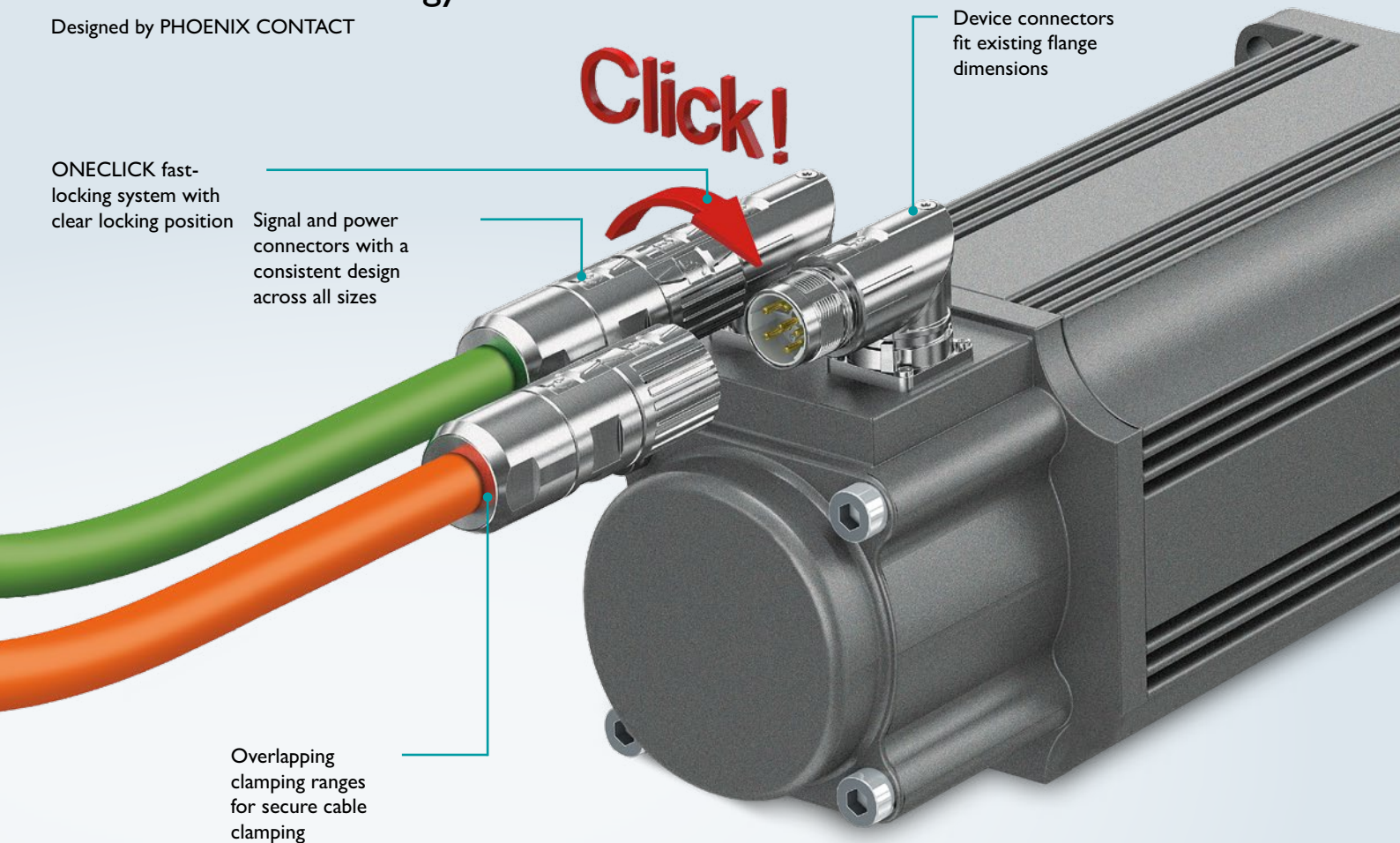


Secure locking

ONECLICK fast-locking system with an optically, haptically, and acoustically clear locking position

ONECLICK Technology[®]

Designed by PHOENIX CONTACT

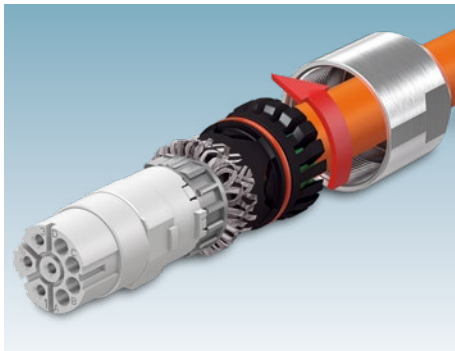


ONECLICK fast-locking system with clear locking position

Signal and power connectors with a consistent design across all sizes

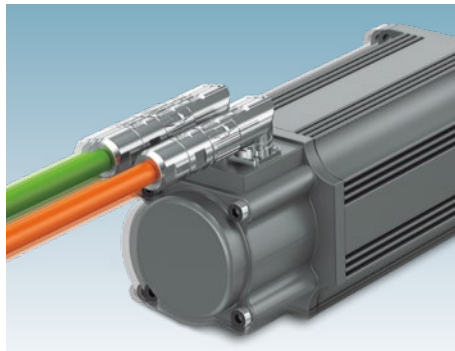
Device connectors fit existing flange dimensions

Overlapping clamping ranges for secure cable clamping



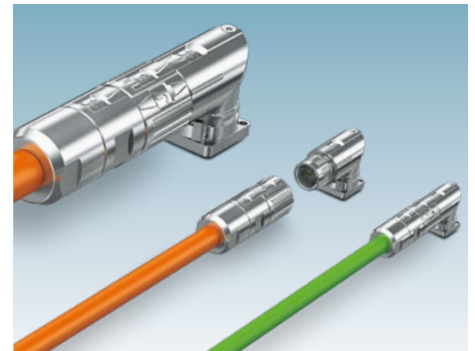
Designed for easy assembly

Easy and reliable shield connection for cost-effective cable assembly



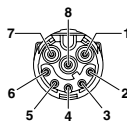
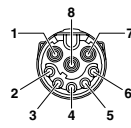
Vibration-resistant connection

Vibration brake in the cable connector for reliable connection under the harshest conditions



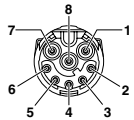
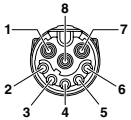
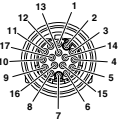
Consistent design

Modern, consistent design for highly convenient operation

M17 PRO series			8-pos.		17-pos.	
Web code: #2068 new RoHS Pb < 0,1% Items are lead-free (RoHS II without Exemption 6c)	Connection method		Crimp		Crimp	
	Rated voltage [V AC/DC]		60		60	
	Rated current ¹⁾ [A]		8		3.6	
	Number of contacts/diameter [mm]		8 x 1.0		17 x 0.6	
	Litz wire cross-sections [mm²]		0.06 ... 1.0		0.06 ... 0.5	
	Pin assignment		Male	Female	Male	Female
						
Cable connectors, ONECLICK fast-locking system						
	Cable clamping range [mm]	3.5 ... 6.5	1629016	1629013	1629010	1629007
		5.5 ... 9.5	1629015	1629012	1629009	1629006
		8.5 ... 12	1629014	1629011	1629008	1629005
		ONECLICK Technology [®] Designed by PHOENIX CONTACT				
Cable connectors, standard locking						
	Cable clamping range [mm]	3.5 ... 6.5	1629058	1629055	1629052	1629049
		5.5 ... 9.5	1629057	1629054	1629051	1629048
		8.5 ... 12	1629056	1629053	1629050	1629047
Coupler connectors						
	Cable clamping range [mm]	3.5 ... 6.5	1628974	1628971	1628968	1628965
		5.5 ... 9.5	1628973	1628970	1628967	1628964
		8.5 ... 12	1628972	1628969	1628966	1628963
Device connectors, front mounting						
	Flange dimensions: 26 mm x 26 mm Mounting holes: 4 x Ø 3.2 mm		1628932	1628931	1628928	1628927
	Flange dimensions: 28 mm x 28 mm Mounting holes: 4 x Ø 3.2 mm		1628930	1628929	1628926	1628925
Device connectors, angled, rotatable, front mounting						
	Flange dimensions: 26 mm x 26 mm Mounting holes: 4 x Ø 3.2 mm		1628527	1628526	1628523	1628522
	Flange dimensions: 28 mm x 28 mm Mounting holes: 4 x Ø 3.2 mm		1628525	1628524	1628521	1628520

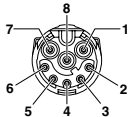
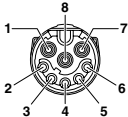
¹⁾ Rated current for maximum connection cross-section.

The cable clamping ranges specified may vary depending on the cable material and cable design. The user is responsible for selection and testing. Please order crimp contacts separately, see table on the right.

M17 PRO series crimp contacts				8-pos.		17-pos.	
RoHS Lead-free crimp contacts available, see below	Connection method		Crimp		Crimp		
	Rated voltage [V AC/DC]		60		60		
	Rated current ¹⁾ [A]		8		3.6		
	Number of contacts/diameter [mm]		8 x 1.0		17 x 0.6		
	Litz wire cross-sections [mm²]		0.06 ... 1.0		0.06 ... 0.5		
	Pin assignment		Male	Female	Male	Female	
							
Crimp contacts, turned, Ø 0.6 mm							
		Crimp range [mm²]	0.06 ... 0.25	—	—	1607577	1607580
			0.14 ... 0.34	—	—	1607578	1607581
			0.34 ... 0.50	—	—	1607579	1607582
Crimp contacts, turned, Ø 1 mm							
		Crimp range [mm²]	0.06 ... 0.25	1618255	1618239	—	—
			0.25 ... 1.00	1618458	1618464	—	—

¹⁾ Rated current for maximum connection cross-section.

Please order crimp contacts separately. For crimping tools as accessories for contacts, go to phoenixcontact.com.

M17 PRO series lead-free crimp contacts				8-pos.		17-pos.	
new RoHS Pb < 0,1% Items are lead-free (RoHS II without Exemption 6c)	Connection method		Crimp		Crimp		
	Rated voltage [V AC/DC]		60		60		
	Rated current ¹⁾ [A]		8		3.6		
	Number of contacts/diameter [mm]		8 x 1.0		17 x 0.6		
	Litz wire cross-sections [mm²]		0.06 ... 1.0		0.06 ... 0.5		
	Pin assignment		Male	Female	Male	Female	
							
Crimp contacts, turned, Ø 0.6 mm							
	Crimp range [mm²]	0.06 ... 0.34	—	—	1242311	1242314	
		0.34 ... 0.50	—	—	1242312	1242315	
Crimp contacts, turned, Ø 1 mm							
	Crimp range [mm²]	0.06 ... 1.00	1243215	1243216	—	—	

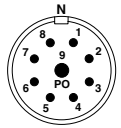
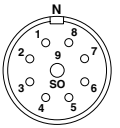
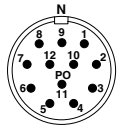
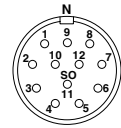
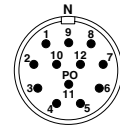
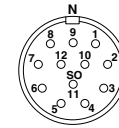
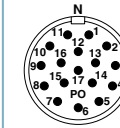
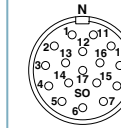
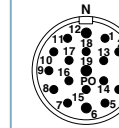
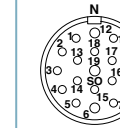
¹⁾ Rated current for maximum connection cross-section

Please order crimp contacts separately. For crimping tools as accessories for contacts, go to phoenixcontact.com.

M23 PRO series				6-pos.		7-pos.	
</							

²⁾ 16+2+PE for 19-pos. crimp connection.

The cable clamping ranges specified may vary depending on the cable material and cable design. The user is responsible for selection and testing. For crimp connection: Please order crimp contacts separately, more information starting on page 10.

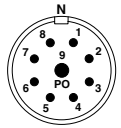
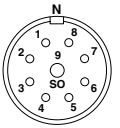
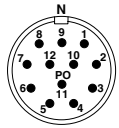
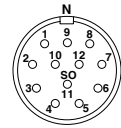
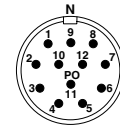
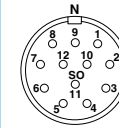
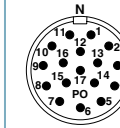
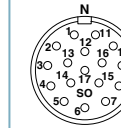
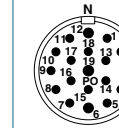
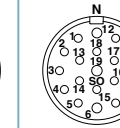
■ 9(8+1)-pos.		■ 12-pos.		■ 12-pos. reverse		■ 17-pos.		■ 19(16+3)-pos. ²⁾	
Crimp, solder		Crimp, solder		Crimp, solder		Crimp, solder		Crimp, solder	
300		150		150		125		150	
8 / 20		8		8		8		8 / 10	
8 x 1.0 / 1 x 2.0		12 x 1.0		12 x 1.0		17 x 1.0		16 x 1.0 / 3 x 1.5	
0.08 ... 1.0 / 0.06 ... 2.5		0.08 ... 1.0		0.08 ... 1.0		0.08 ... 1.0		0.08 ... 1.0 / 0.08 ... 1.0	
Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
									
1342194	1342198	1342202	1342207	1543937	1543942	1342724	1342728	1342732	1342739
1342191	1342195	1342199	1342203	1543933	1543938	1342720	1342725	1342729	1342733
1342192	1342196	1342200	1342205	1543934	1543940	1342722	1342726	1342730	1342734
1342193	1342197	1342201	1342206	1543936	1543941	1342723	1342727	1342731	1342735
1629168	1629172	1629160	1629164	1069326	1069322	1629152	1629156	1629144	1629148
1629171	1629175	1629163	1629167	1069323	1069319	1629155	1629159	1629147	1629151
1629170	1629174	1629162	1629166	1069324	1069320	1629154	1629158	1629146	1629150
1629169	1629173	1629161	1629165	1069325	1069321	1629153	1629157	1629145	1629149
1340685	1340690	1340694	1340703	1543928	1543932	1341224	1341228	1341232	1341236
1340682	1340686	1340691	1340695	1543925	1543929	1341221	1341225	1341229	1341233
1340683	1340688	1340692	1340696	1543926	1543930	1341222	1341226	1341230	1341234
1340684	1340689	1340693	1340700	1543927	1543931	1341223	1341227	1341231	1341235
1629216	1629220	1629208	1629212	1069317	1069313	1629200	1629204	1629192	1629196
1629219	1629223	1629211	1629215	1069314	1069309	1629203	1629207	1629195	1629199
1629218	1629222	1629210	1629214	1069315	1069311	1629202	1629206	1629194	1629198
1629217	1629221	1629209	1629213	1069316	1069312	1629201	1629205	1629193	1629197
1467235	1467246	1467144	1467148	1543945	1543950	1467459	1467463	1467481	1467486
1467232	1467239	1467140	1467145	1543943	1543946	1467456	1467460	1467476	1467482
1467233	1467242	1467142	1467146	1473127	1543947	1467457	1467461	1467479	1467483
1467234	1467244	1467143	1467147	1543944	1543949	1467458	1467462	1467480	1467484
1629120	1629124	1629112	1629116	1329285	1329277	1629104	1629108	1629096	1629100
1629123	1629127	1629115	1629119	1329282	1329272	1629107	1629111	1629099	1629103
1629122	1629126	1629114	1629118	1329283	1329274	1629106	1629110	1629098	1629102
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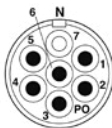
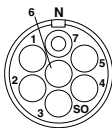
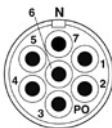
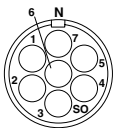
M23 PRO series		6-pos.		7-pos.	

¹⁾ Rated current for maximum connection cross-section.

²⁾ 16+2+PE for 19-pos. crimp connection.

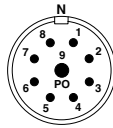
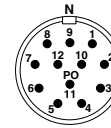
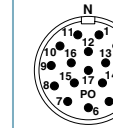
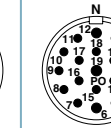
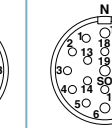
For crimp connection: Please order crimp contacts separately, more information starting on page 10.

■ 9(8+1)-pos.		■ 12-pos.		■ 12-pos. reverse		■ 17-pos.		■ 19(16+3)-pos. ²⁾	
Crimp, solder		Crimp, solder		Crimp		Crimp, solder		Crimp, solder	
300		150		150		125		150	
8 / 20		8		8		8		8 / 10	
8 x 1.0 / 1 x 2.0		12 x 1.0		12 x 1.0		17 x 1.0		16 x 1.0 / 3 x 1.5	
0.08 ... 1.0 / 0.06 ... 2.5		0.08 ... 1.0		0.08 ... 1.0		0.08 ... 1.0		0.08 ... 1.0 / 0.08 ... 1.0	
Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
									
1339324	1339326	1339330	1339333	1543921	1543924	1339336	1339339	—	—
1339323	1339325	1339327	1320259	1543918	1543917	1339334	1339337	1339340	1339341
—	—	1339329	1339332	1543920	1543923	1339335	1339338	—	—
1132741	1132740	1132744	1132742	1329289	1329280	1132747	1132745	—	—
1629090	1629091	1629088	1629089	1329286	1329278	1629086	1629087	1629084	1629085
—	—	1629082	1629083	1329288	1329279	1629080	1629081	—	—
1341930	1341932	1628498	1628499	1069328	1069327	1628496	1628497	—	—
1341950	1341949	1628494	1628495	1069330	1069329	1628492	1628493	—	—

M23 PRO series crimp contacts				6-pos.		7-pos.	
RoHS Lead-free crimp contacts available, more information starting on page 12	Connection method			Crimp		Crimp	
	Rated voltage [V AC/DC]			300		300	
	Rated current ¹⁾ [A]			20		20	
	Number of contacts/diameter [mm]			6 x 2.0		7 x 2.0	
	Litz wire cross-sections [mm²]			0.5 ... 2.5		0.5 ... 2.5	
	Pin assignment			Male	Female	Male	Female
							
Crimp contacts, turned, Ø 1 mm							
	Crimp range [mm²]	0.08 ... 0.22	—	—	—	—	
		0.14 ... 0.56	—	—	—	—	
		0.5 ... 1.0	—	—	—	—	
Crimp contacts, rolled, Ø 1 mm							
	Crimp range [mm²]						
	Roll of 500 pcs.	0.08 ... 0.22	—	—	—	—	
	Roll of 10000 pcs.	0.08 ... 0.22	—	—	—	—	
	Roll of 500 pcs.	0.22 ... 0.56	—	—	—	—	
	Roll of 10000 pcs.	0.22 ... 0.56	—	—	—	—	
Crimp contacts, turned, Ø 1.5 mm							
	Crimp range [mm²]	0.08 ... 0.22	—	—	—	—	
		0.14 ... 0.56	—	—	—	—	
		0.5 ... 1.0	—	—	—	—	
	Leading contact	0.5 ... 1.0	—	—	—	—	
Crimp contacts, turned, Ø 2 mm							
	Crimp range [mm²]	0.5 ... 0.75	1603529	1603530	1603529	1603530	
		0.75 ... 1.0	1603498	1603501	1603498	1603501	
		1.0 ... 1.5	1603513	1603517	1603513	1603517	
		1.5 ... 2.5	1603505	1603509	1603505	1603509	

¹⁾ Rated current for maximum connection cross-section.

Please order crimp contacts separately. For crimping tools as accessories for contacts, go to phoenixcontact.com.

■ 9(8+1)-pos.		■ 12-pos.		■ 12-pos. reverse		■ 17-pos.		■ 19(16+2+PE)-pos.	
Crimp		Crimp		Crimp		Crimp		Crimp	
300		150		150		125		150	
8 / 20		8		8		8		8 / 10	
8 x 1.0 / 1 x 2.0		12 x 1.0		12 x 1.0		17 x 1.0		16 x 1.0 / 3 x 1.5	
0.08 ... 1.0 / 0.5 ... 2.5		0.08 ... 1.0		0.08 ... 1.0		0.08 ... 1.0		0.08 ... 1.0 / 0.5 ... 1.0	
Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
									
1596770	1596772	1596770	1596772	1596770	1596772	1596770	1596772	1623776	1596772
1597862	1599600	1597862	1599600	1597862	1599600	1597862	1599600	1623777	1599600
1602996	1602998	1602996	1602998	1602996	1602998	1602996	1602998	1623778	1602998
1603313	1603318	1603313	1603318	1603313	1603318	1603313	1603318	—	1603318
1611637	1616500	1611637	1616500	1611637	1616500	1611637	1616500	—	1616500
1603324	1603330	1603324	1603330	1603324	1603330	1603324	1603330	—	1603330
1603325	1603332	1603325	1603332	1603325	1603332	1603325	1603332	—	1603332
—	—	—	—	—	—	—	—	1627292	1627290
—	—	—	—	—	—	—	—	1627291	—
—	—	—	—	—	—	—	—	1623779	1623775
—	—	—	—	—	—	—	—	1623780	—
1603529	1603530	—	—	—	—	—	—	—	—
1603498	1603501	—	—	—	—	—	—	—	—
1603513	1603517	—	—	—	—	—	—	—	—
1603505	1603509	—	—	—	—	—	—	—	—

M23 PRO series lead-free crimp contacts				6-pos.		7-pos.	
new RoHS Pb < 0,1% Items are lead-free (RoHS II without Exemption 6c)	Connection method			Crimp		Crimp	
	Rated voltage [V AC/DC]			300		300	
	Rated current ¹⁾ [A]			20		20	
	Number of contacts/diameter [mm]			6 x 2.0		7 x 2.0	
	Litz wire cross-sections [mm²]			0.06 ... 2.5		0.06 ... 2.5	
	Pin assignment			Male	Female	Male	Female
Crimp contacts, turned, Ø 1 mm							
	Crimp range [mm²]		0.08 ... 0.56	—	—	—	—
			0.75 ... 1.0	—	—	—	—
Crimp contacts, rolled, Ø 1 mm							
	Crimp range [mm²]						
	Roll of 500 pcs.		0.08 ... 0.22	—	—	—	—
	Roll of 10000 pcs.		0.08 ... 0.22	—	—	—	—
	Roll of 500 pcs.		0.22 ... 0.56	—	—	—	—
	Roll of 10000 pcs.		0.22 ... 0.56	—	—	—	—
Crimp contacts, turned, Ø 1.5 mm							
	Crimp range [mm²]		0.08 ... 0.56	—	—	—	—
			0.75 ... 1.0	—	—	—	—
	Leading contact		0.75 ... 1.0	—	—	—	—
Crimp contacts, turned, Ø 2 mm							
	Crimp range [mm²]		0.06 ... 1.0	1241632	1241633	1241632	1241633
			0.75 ... 2.5	1241634	1241635	1241634	1241635

¹⁾ Rated current for maximum connection cross-section.

Please order crimp contacts separately. For crimping tools as accessories for contacts, go to phoenixcontact.com.

■ 9(8+1)-pos.		■ 12-pos.		■ 12-pos. reverse		■ 17-pos.		■ 19(16+2+PE)-pos.	
Crimp		Crimp		Crimp		Crimp		Crimp	
300		150		150		125		150	
8 / 20		8		8		8		8 / 10	
8 x 1.0 / 1 x 2.0		12 x 1.0		12 x 1.0		17 x 1.0		16 x 1.0 / 3 x 1.5	
0.08 ... 1.0 / 0.06 ... 2.5		0.08 ... 1.0		0.08 ... 1.0		0.08 ... 1.0		0.08 ... 1.0 / 0.08 ... 1.0	
Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1240882	1241093	1240882	1241093	1240882	1241093	1240882	1241093	1244971	1241093
1241571	1241572	1241571	1241572	1241571	1241572	1241571	1241572	1244972	1241572
1603313	1603318	1603313	1603318	1603313	1603318	1603313	1603318	—	1603318
1611637	1616500	1611637	1616500	1611637	1616500	1611637	1616500	—	1616500
1603324	1603330	1603324	1603330	1603324	1603330	1603324	1603330	—	1603330
1603325	1603332	1603325	1603332	1603325	1603332	1603325	1603332	—	1603332
—	—	—	—	—	—	—	—	1245475	1245474
—	—	—	—	—	—	—	—	1244973	1244969
—	—	—	—	—	—	—	—	1244974	—
1241632	1241633	—	—	—	—	—	—	—	—
1241634	1241635	—	—	—	—	—	—	—	—

M17 PRO series			4(3+PE)-pos.		
i Web code: #2067 new RoHS Pb < 0,1% Items are lead-free (RoHS II without Exemption 6c)	Connection method		Crimp		
	Rated voltage [V AC/DC]		630		
	Rated current ¹⁾ [A]		20		
	Number of contacts/diameter [mm]		4 x 1.5		
	Litz wire cross-sections [mm²]		0.25 ... 2.5		
	Pin assignment		Male	Female	
					
Cable connectors, ONECLICK fast-locking system					
	Cable clamping range [mm]	3.5 ... 6.5	1069487	1069490	
		5.5 ... 9.5	1069488	1069491	
		8.5 ... 12	1069489	1069492	
ONECLICK Technology [®] Designed by PHOENIX CONTACT					
Cable connectors, standard locking					
	Cable clamping range [mm]	3.5 ... 6.5	1069481	1069484	
		5.5 ... 9.5	1069482	1069485	
		8.5 ... 12	1069483	1069486	
Coupler connectors					
	Cable clamping range [mm]	3.5 ... 6.5	1069495	1069498	
		5.5 ... 9.5	1069496	1069499	
		8.5 ... 12	1069497	1069509	
Device connectors, front mounting					
	Flange dimensions: 26 mm x 26 mm Mounting holes: 4 x Ø 3.2 mm		1069502	1069500	
	Flange dimensions: 28 mm x 28 mm Mounting holes: 4 x Ø 3.2 mm		1069503	1069504	
Device connectors, angled, rotatable, front mounting					
	Flange dimensions: 26 mm x 26 mm Mounting holes: 4 x Ø 3.2 mm		1069505	1069506	
	Flange dimensions: 28 mm x 28 mm Mounting holes: 4 x Ø 3.2 mm		1069507	1069508	

¹⁾ Rated current for maximum connection cross-section.
 The cable clamping ranges specified may vary depending on the cable material and cable design. The user is responsible for selection and testing.
 Please order crimp contacts separately, more information starting on page 16.

6(5+PE)-pos.		7(6+PE)-pos.		8(7+PE)-pos.		9(5+3+PE)-pos.	
Crimp		Crimp		Crimp		Crimp	
630		630		630		60 / 630	
14		14		14		3.6 / 14	
6 x 1.0		7 x 1.0		8 x 1.0		5 x 0.6 / 4 x 1.0	
0.06 ... 1.0		0.06 ... 1.0		0.06 ... 1.0		0.06 ... 0.5 / 0.06 ... 1.0	
Male	Female	Male	Female	Male	Female	Male	Female
							
1628998	1628995	1628992	1628989	1628986	1628983	1628980	1628977
1628997	1628994	1628991	1628988	1628985	1628982	1628979	1628976
1628996	1628993	1628990	1628987	1628984	1628981	1628978	1628975
1629040	1629037	1629034	1629031	1629028	1629025	1629022	1629019
1629039	1629036	1629033	1629030	1629027	1629024	1629021	1629018
1629038	1629035	1629032	1629029	1629026	1629023	1629020	1629017
1628956	1628953	1628950	1628947	1628944	1628941	1628938	1628935
1628955	1628952	1628949	1628946	1628943	1628940	1628937	1628934
1628954	1628951	1628948	1628945	1628942	1628939	1628936	1628933
1628920	1628919	1628916	1628915	1628912	1628911	1628908	1628907
1628918	1628917	1628914	1628913	1628910	1628909	1628906	1628905
1628515	1628514	1628511	1628510	1628507	1628506	1628503	1628502
1628513	1628512	1628509	1628508	1628505	1628504	1628501	1628500

M17 PRO series crimp contacts				4(3+PE)-pos.	
RoHS Lead-free crimp contacts available, more information starting on page 18	Connection method		Crimp		
	Rated voltage [V AC/DC]		630		
	Rated current ¹⁾ [A]		25 / 20		
	Number of contacts/diameter [mm]		4 x 1.5		
	Litz wire cross-sections [mm²]		0.25 ... 2.5		
	Pin assignment		Male	Female	
					
Crimp contacts, turned, Ø 0.6 mm					
	Crimp range [mm²]	0.06 ... 0.25	—	—	
		0.14 ... 0.34	—	—	
		0.34 ... 0.50	—	—	
Crimp contacts, turned, Ø 1 mm					
	Crimp range [mm²]	0.06 ... 0.25	—	—	
		0.25 ... 1.00	—	—	
Crimp contacts, turned, Ø 1.5 mm					
	For 3+PE-pos. version with contact diameter 1.5 mm Crimp range [mm²]	0.25 ... 2.50	1213852	1213854	

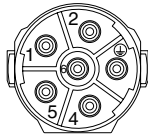
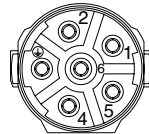
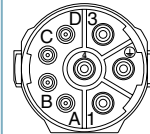
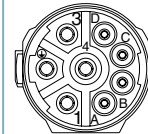
¹⁾ Rated current for maximum connection cross-section.
Please order crimp contacts separately. For crimping tools as accessories for contacts, go to phoenixcontact.com.

■ 6(5+PE)-pos.		■ 7(6+PE)-pos.		■ 8(7+PE)-pos.		■ 9(5+3+PE)-pos.	
Crimp		Crimp		Crimp		Crimp	
630		630		630		60 / 630	
14		14		14		3.6 / 14	
6 x 1.0		7 x 1.0		8 x 1.0		5 x 0.6 / 4 x 1.0	
0.06 ... 1.0		0.06 ... 1.0		0.06 ... 1.0		0.06 ... 0.5 / 0.06 ... 1.0	
Male	Female	Male	Female	Male	Female	Male	Female
							
–	–	–	–	–	–	1607577	1607580
–	–	–	–	–	–	1607578	1607581
–	–	–	–	–	–	1607579	1607582
1618255	1618239	1618255	1618239	1618255	1618239	1618255	1618239
1618458	1618464	1618458	1618464	1618458	1618464	1618458	1618464
–	–	–	–	–	–	–	–

M17 PRO series lead-free crimp contacts				4(3+PE)-pos.	
new RoHS Pb < 0,1% Items are lead-free (RoHS II without Exemption 6c)	Connection method		Crimp		
	Rated voltage [V AC/DC]		630		
	Rated current ¹⁾ [A]		25 / 20		
	Number of contacts/diameter [mm]		4 x 1.5		
	Litz wire cross-sections [mm²]		0.25 ... 2.5		
	Pin assignment		Male		Female
					
Crimp contacts, turned, Ø 0.6 mm					
		Crimp range [mm²]	0.06 ... 0.34	–	–
			0.34 ... 0.50	–	–
Crimp contacts, turned, Ø 1 mm					
		Crimp range [mm²]	0.06 ... 1.00	–	–
Crimp contacts, turned, Ø 1.5 mm					
		For 3+PE-pos. version with contact diameter 1.5 mm Crimp range [mm²]	0.25 ... 2.50	1213852	1213854

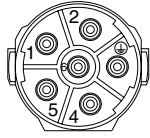
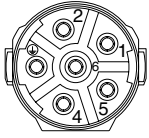
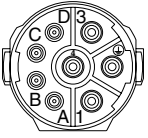
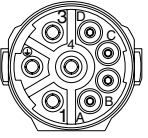
¹⁾ Rated current for maximum connection cross-section.
Please order crimp contacts separately. For crimping tools as accessories for contacts, go to phoenixcontact.com.

■ 6(5+PE)-pos.		■ 7(6+PE)-pos.		■ 8(7+PE)-pos.		■ 9(5+3+PE)-pos.	
Crimp		Crimp		Crimp		Crimp	
630		630		630		60 / 630	
14		14		14		3.6 / 14	
6 x 1.0		7 x 1.0		8 x 1.0		5 x 0.6 / 4 x 1.0	
0.06 ... 1.0		0.06 ... 1.0		0.06 ... 1.0		0.06 ... 0.5 / 0.06 ... 1.0	
Male	Female	Male	Female	Male	Female	Male	Female
							
–	–	–	–	–	–	1242311	1242314
–	–	–	–	–	–	1242312	1242315
1243215	1243216	1243215	1243216	1243215	1243216	1243215	1243216
–	–	–	–	–	–	–	–

M23 PRO series				6(5+PE)-pos.		8(4+3+PE)-pos.	
 Web code: #2067 new RoHS Pb < 0,1% Items are lead-free (RoHS II without Exemption 6c)	Connection method			Crimp		Crimp	
	Rated voltage [V AC/DC]			630		250 / 630	
	Rated current ¹⁾ [A]			30		9 / 30	
	Number of contacts/diameter [mm]			6 x 2		4 x 1 / 4 x 2	
	Litz wire cross-sections [mm²]			0.25 ... 4.0		0.06 ... 1.0 / 0.25 ... 4.0	
	Pin assignment			Male	Female	Male	Female
							
Cable connectors, ONECLICK fast-locking system							
	Cable clamping range [mm] Short version Cable Ø 5.5 mm ... 14.5 mm ONECLICK Technology [®] Designed by PHOENIX CONTACT	5.5 ... 15	1628871	1628815	1628867	1628811	
		5.5 ... 8	1628874	1628818	1628869	1628813	
		7.5 ... 12	1628873	1628817	1628870	1628814	
		9.5 ... 14.5	1628872	1628816	1628868	1628812	
	Cable clamping range [mm] Long version Cable Ø 5.5 mm ... 17 mm ONECLICK Technology [®] Designed by PHOENIX CONTACT	7.5 ... 17	1628852	1628796	1628847	1628791	
		5.5 ... 8	1628856	1628800	1628850	1628795	
		7.5 ... 12	1628855	1628799	1628851	1628794	
		9.5 ... 14.5	1628854	1628798	1628849	1628793	
		14 ... 17	1628853	1628797	1628848	1628792	
Cable connectors, standard locking							
	Cable clamping range [mm] Short version Cable Ø 5.5 mm ... 14.5 mm	5.5 ... 15	1628879	1628823	1628875	1628819	
		5.5 ... 8	1628882	1628826	1628878	1628822	
		7.5 ... 12	1628881	1628825	1628877	1628821	
		9.5 ... 14.5	1628880	1628824	1628876	1628820	
	Cable clamping range [mm] Long version Cable Ø 5.5 mm ... 17 mm	7.5 ... 17	1628862	1628806	1628857	1628801	
		5.5 ... 8	1628866	1628810	1628861	1628805	
		7.5 ... 12	1628865	1628809	1628860	1628804	
		9.5 ... 14.5	1628864	1628808	1628859	1628803	
		14 ... 17	1628863	1628807	1628858	1628802	
Coupler connectors							
	Cable clamping range [mm] Cable Ø 5.5 mm ... 17 mm	5.5 ... 15	1628786	1628842	1628780	1628836	
		7.5 ... 17	1628785	1628841	1628779	1628835	
		5.5 ... 8	1628790	1628846	1628784	1628840	
		7.5 ... 12	1628789	1628845	1628783	1628839	
		9.5 ... 14.5	1628788	1628844	1628782	1628838	
		14 ... 17	1628787	1628843	1628781	1628837	

¹⁾ Rated current for maximum connection cross-section.

The cable clamping ranges specified may vary depending on the cable material and cable design. The user is responsible for selection and testing. Please order crimp contacts separately, see table on the right.

M23 PRO series		6(5+PE)-pos.		8(4+3+PE)-pos.	
i Web code: #2067 new RoHS Pb < 0,1% Items are lead-free (RoHS II without Exemption 6c)	Connection method	Crimp		Crimp	
	Rated voltage [V AC/DC]	630		250 / 630	
	Rated current ¹⁾ [A]	30		9 / 30	
	Number of contacts/diameter [mm]	6 x 2		4 x 1 / 4 x 2	
	Litz wire cross-sections [mm²]	0.25 ... 4.0		0.06 ... 1.0 / 0.25 ... 4.0	
	Pin assignment	Male	Female	Male	Female
					

Device connectors, straight, front mounting

	Flange dimensions: 26 mm x 26 mm Mounting holes: 4 x Ø 3.2 mm	1628778	1628834	1628777	1628833
	Flange dimensions: 28 mm x 28 mm Mounting holes: 4 x Ø 3.2 mm	1628776	1628832	1628775	1628831

Device connectors, angled, rotatable, front mounting

	Flange dimensions: 26 mm x 26 mm Mounting holes: 4 x Ø 3.2 mm	1628487	1628491	1628486	1628490
	Flange dimensions: 28 mm x 28 mm Mounting holes: 4 x Ø 3.2 mm	1628485	1628489	1628484	1628488

¹⁾ Rated current for maximum connection cross-section

M23 PRO series crimp contacts			 6(5+PE)-pos.		 8(4+3+PE)-pos.		
Crimp contacts, turned, Ø 1 mm							
	Crimp range	[mm²]	0.06 ... 0.25	–	–	1618255	1618239
			0.25 ... 1.0	–	–	1618458	1618464
Crimp contacts, turned, Ø 2 mm							
	Crimp range	[mm²]	0.25 ... 1.0	1050147	1621576	1050147	1621576
			1.5 ... 2.5	1050205	1621577	1050205	1621577
			2.5 ... 4.0	1050210	1621578	1050210	1621578

M23 PRO series lead-free crimp contacts			6(5+PE)-pos.		8(4+3+PE)-pos.		
new Items are lead-free (RoHS II without Exemption 6c)							
Crimp contacts, turned, Ø 1 mm							
	Crimp range	[mm²]	0.06 ... 1.0	—	—	1243215	1243216
Crimp contacts, turned, Ø 2 mm							
	Crimp range	[mm²]	0.25 ... 2.5	1238179	1244461	1238179	1244461
			1.5 ... 4.0	1238180	1244462	1238180	1244462

Please order crimp contacts separately. For crimping tools as accessories for contacts, go to phoenixcontact.com.

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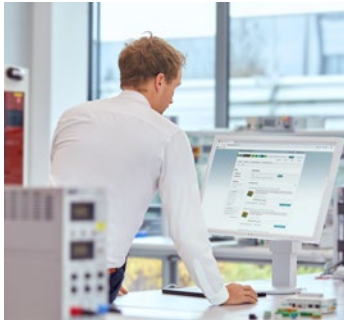
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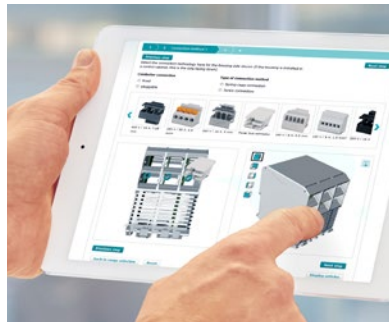
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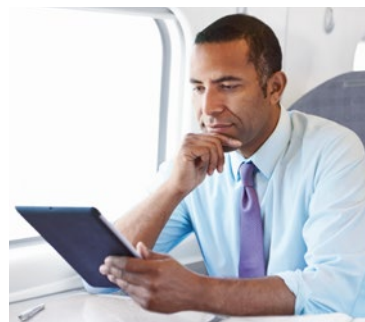
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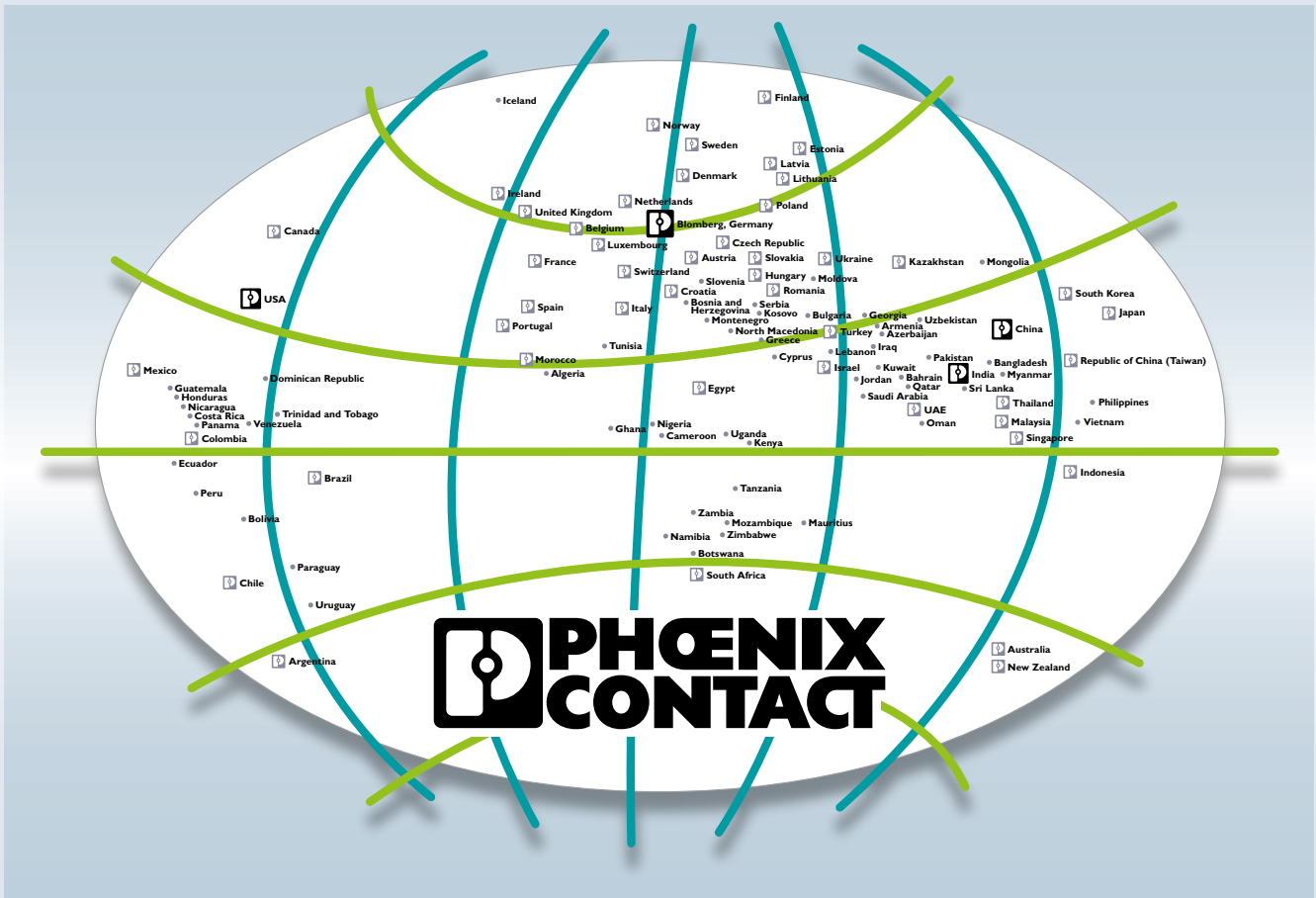
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