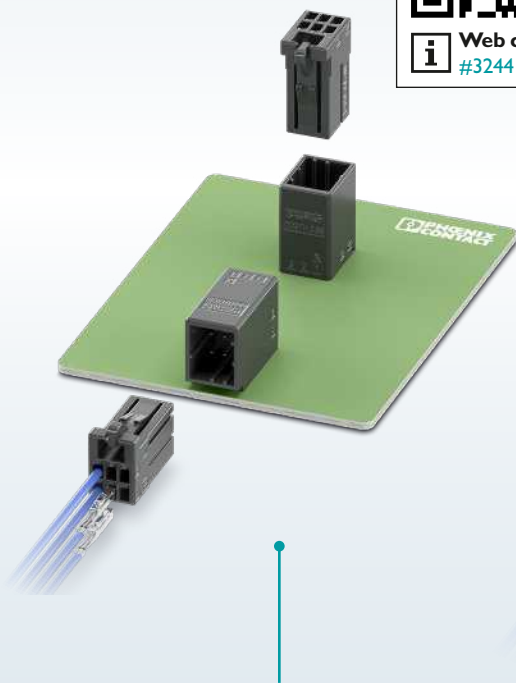
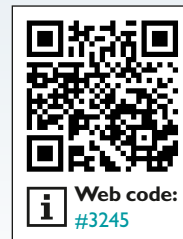


Wire-to-board connectors for cable assemblies

Product overview 2023

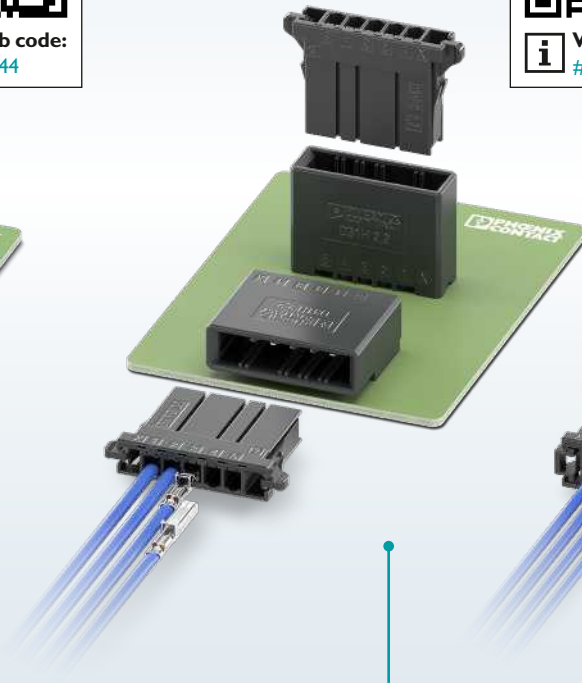
The right product for every connection – the new CONNEXIS product portfolio

The new portfolio of crimp-based PCB connectors for cable assemblies includes connectors and headers with horizontal or vertical connection direction as well as panel feed-throughs. The crimp contacts are available for conductors from AWG 28 to AWG 14. With their pitches of 2.5, 3.81, and 5.08 mm, the connectors from the D21, D31, and D32 portfolio are suitable for numerous signal and low-voltage supplies.



CONNEXIS D21

- Double-row design
- Cross-sections from AWG 28 ... AWG 18
- Currents up to 5 A
- 2.50 mm pitch
- Crimp connection
- Halogen-free plastic

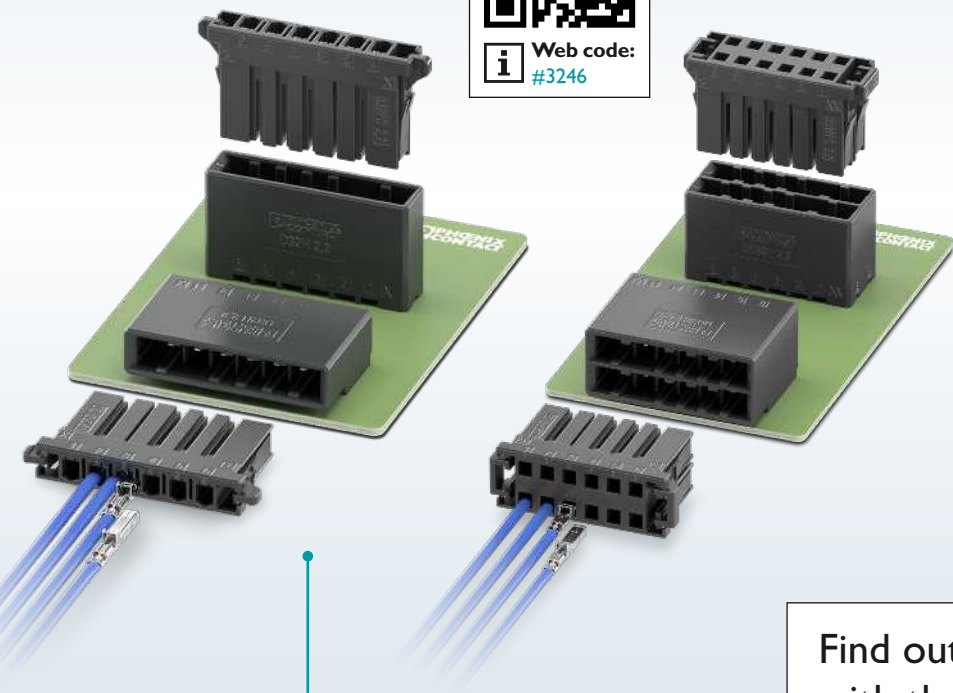
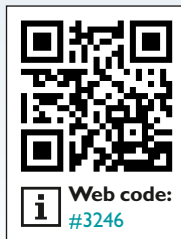


CONNEXIS D31

- Single- and double-row design
- Cross-sections from AWG 28 ... AWG 14
- Currents up to 8 A
- 3.81 mm pitch
- Crimp connection
- Halogen-free plastic

Contents

Wire-to-board connectors for industrial automation	4
Applications and areas of use	6
Choice of versions at a glance	8
The special features in detail	9
Product overviews	
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D31 and DD31	12
D32 and DD32	16
Excellent services	20



CONNEXIS D32

- Single- and double-row design
- Cross-sections from AWG 28 ... AWG 14
- Currents up to 8 A
- 5.08 mm pitch
- Crimp connection
- Halogen-free plastic

Find out more with the web code

For detailed information, use the web codes provided in this brochure. Simply enter # and the four-digit number in the search field on our website.

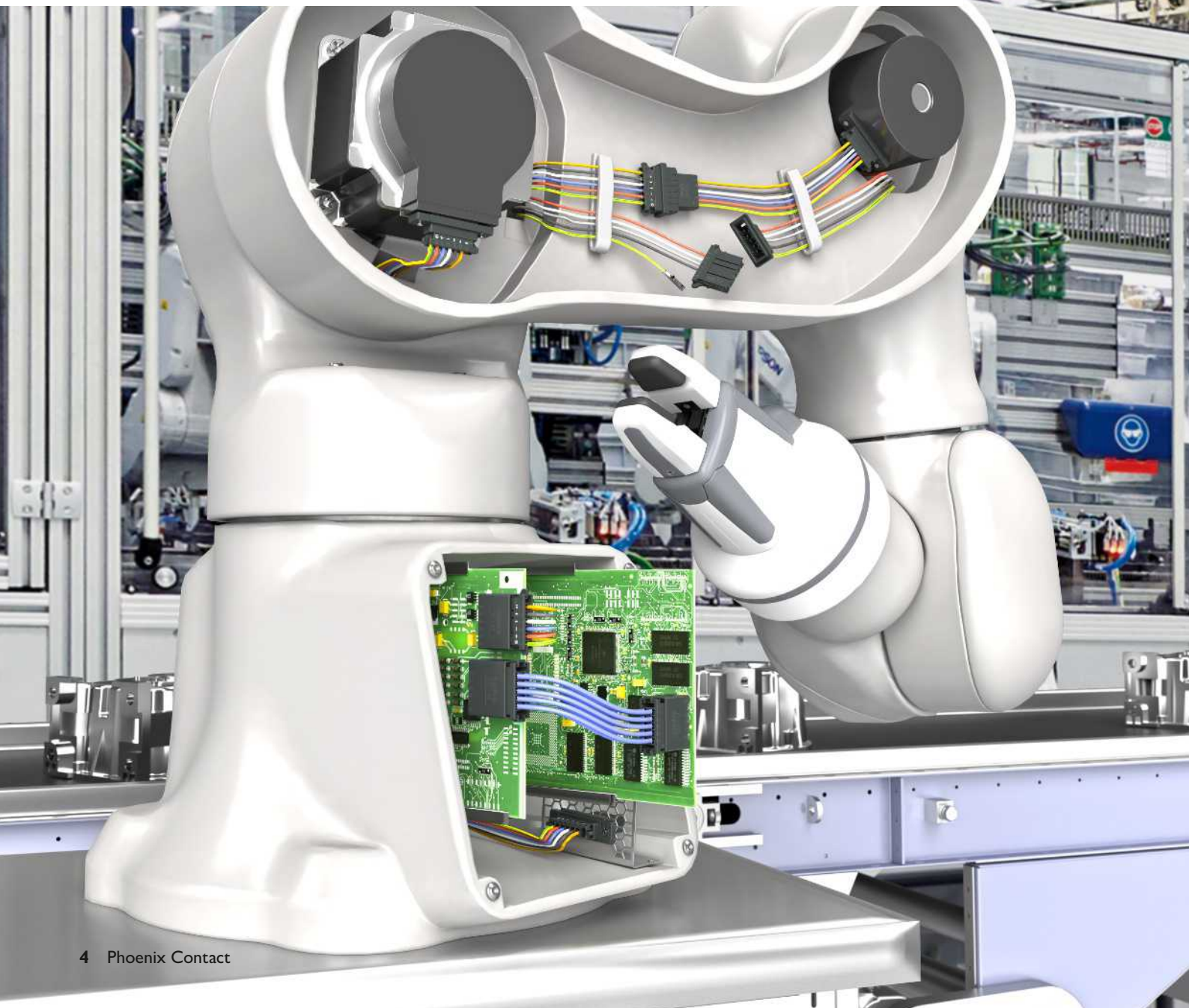
i Web code: #1234 (example)

Or use the direct link:
phoenixcontact.net/webcode/#1234

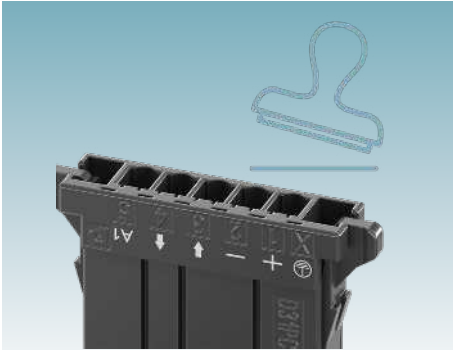
Wire-to-board connectors for industrial automation

When speed and precision mean everything.

Phoenix Contact's new crimp-based PCB connectors for cable assemblies simplify and accelerate automated production processes. Different pitches, designs, and contact surfaces allow for various applications in robotics, elevator technology, and battery management.

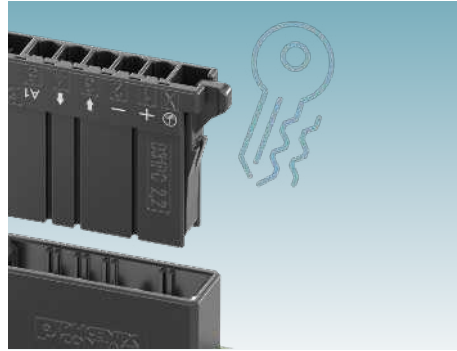


Advantages at a glance



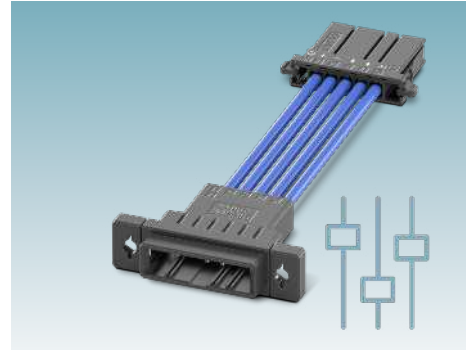
Custom printing

Keep a clear view in your production or during field assembly with easy-to-understand graphical markings on the connector. Benefit from the variety of customer-specific pad printing options for standard items. Various numbers, letters, and symbols can be selected.



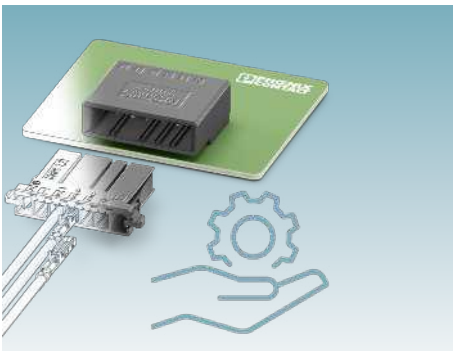
Integrated coding

To prevent mismatching, Phoenix Contact provides coded connectors and headers. The coding works through a mechanical shape integrated permanently within or on the plastic housing.



Preassembled connector

The fast track to your individual solution: In addition to our comprehensive portfolio of standard products, we also provide a wide variety of customer-specific adaptations. To save time in your own production line, you can assemble cables, headers, and connectors to suit your needs.



Design-in support

You can count on our support: We provide comprehensive technical data as well as CAD models and E-CAD data for your device development. Another bonus for your day-to-day work: Our sample service can provide you with your product sample within a few days by shipping it directly to you free of charge.

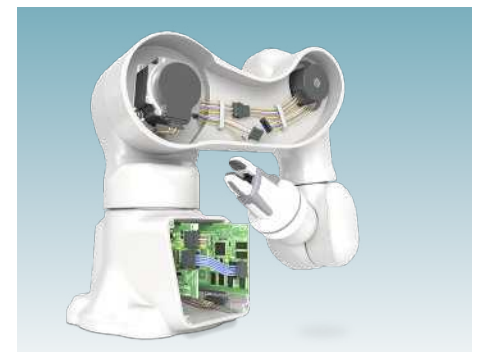


Halogen-free plastic

In the construction industry, especially with regard to electrical installations, the necessity and importance of halogen-free plastics already play a role. Phoenix Contact makes an important contribution to better safety by already considering the necessity of protecting people and the environment when selecting materials.

Connections for different areas of application

The broad spectrum of the new, crimp-based CONNEXIS connector product family makes it ideal for various areas of application in automated production. Thanks to the preassembled connectors, installation times are reduced. This advantage plays a particularly important role in fast-growing markets such as robotics.



Robotics



Battery management systems



Controllers and drives



Elevator technology

Choice of versions at a glance

CONNEXIS at a glance

Realize flying leads
You can realize wire-to-wire connections with the flying lead version of the CONNEXIS connectors.

PCB connectors with a single- or double-row design
The single- or double-row design enables device manufacturers to implement the connections in an efficient and compact way.

Realize panel feed-throughs
Panel feed-throughs are also available for optimal connection through the housing panel.

PCB connectors with crimp connection
PCB connectors with crimp connection are optimized for automated production.

Crimping tools
Standard crimping tools can be viewed on request from Phoenix Contact or in the download area.

Headers in various designs
Headers in a horizontal and vertical design enable you to benefit from an efficient PCB layout.

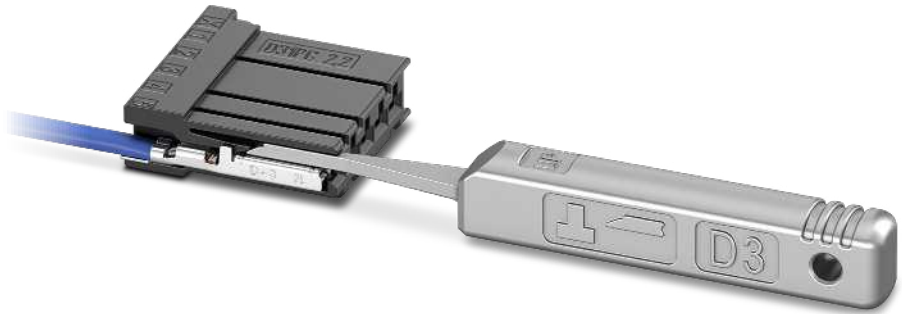
Other versions of the connector with printing are available on request.
Preassembled connectors are available on request.

The special features in detail

Simple release of crimp contacts

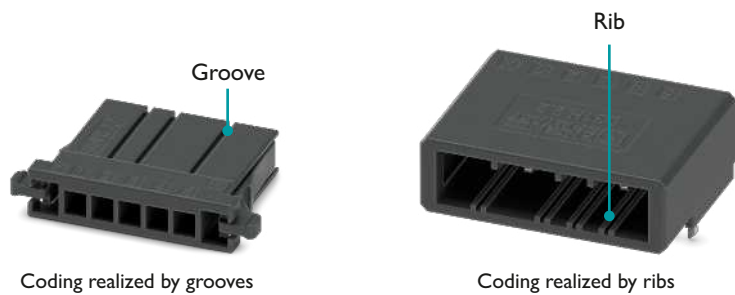
Accessories for the simple release of crimp contacts.

Removal tool
D3-MP RELEASE TOOL
 Item no. **1441450**



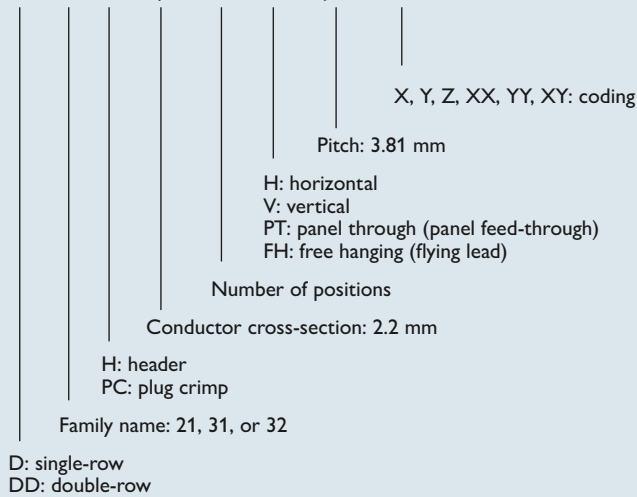
The special feature: The coding

The coding works through a mechanical shape integrated permanently within or on the plastic housing.

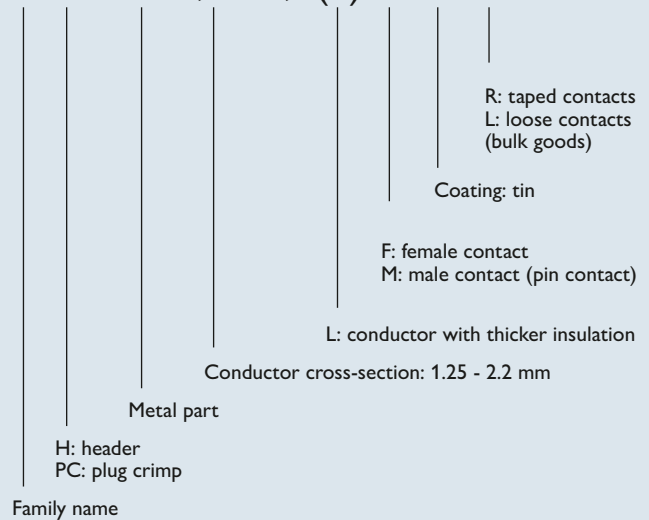


The nomenclature in detail

DD31H 2,2/20-H-3,81-X



D3PC-MP 1,25-2,2(L)-F-SN-R

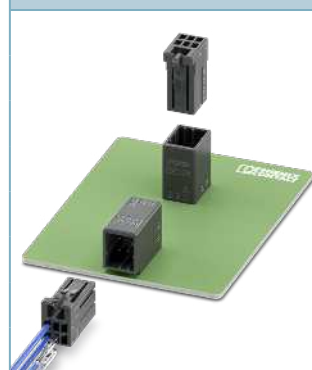


Explanation of the categorization of crimp contacts:

- S: AWG 28 ... AWG 24 (insulation: 0.8 ... 1.4 mm)
- 2L: AWG 16 ... AWG 14 (insulation: 2.2 ... 2.8 mm)
- M: AWG 24 ... AWG 20 (insulation: 1.2 ... 2.6 mm)
- 3L: AWG 16 ... AWG 14 (insulation: 3.1 ... 3.8 mm)
- L: AWG 20 ... AWG 16 (insulation: 1.8 ... 2.8 mm)




Product overview




Technical data for DD21





Conductor cross-section flexible min. (AWG)	28
Conductor cross-section flexible min. (AWG)	16
Rated voltage (III/2)	160 V
Nominal current	5 A
Color	Black (9005)
Contact surface	Tin
Pitch	2.50 mm
Insertion and withdrawal cycles	25

DD21 product family

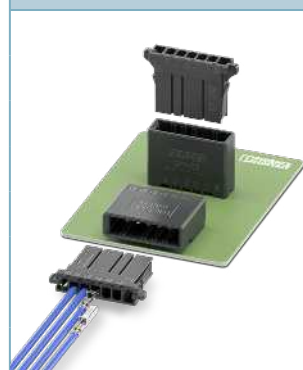
	Number of positions	Type	Item no.	Coding	Width in mm
	6	DD21PC 0,85/ 6-2.5-X	1378317	X	8.9
	8	DD21PC 0,85/ 8-2.5-X	1378318	X	11.4
	10	DD21PC 0,85/10-2.5-X	1378319	X	13.9
	12	DD21PC 0,85/12-2.5-X	1378320	X	16.4
	16	DD21PC 0,85/16-2.5-X	1378321	X	21.4
	20	DD21PC 0,85/20-2.5-X	1378322	X	26.4
	6	DD21PC 0,85/ 6-2.5-Y	1378153	Y	8.9
	8	DD21PC 0,85/ 8-2.5-Y	1378152	Y	11.4
	10	DD21PC 0,85/10-2.5-Y	1378151	Y	13.9
	12	DD21PC 0,85/12-2.5-Y	1378149	Y	16.4
	16	DD21PC 0,85/16-2.5-Y	1378148	Y	21.4
	20	DD21PC 0,85/20-2.5-Y	1378147	Y	26.4
	12	DD21PC 0,85/12-2.5-Z	1378102	Z	16.4
	6	DD21H 0,85/ 6-H-2.5-X	1378334	X	10.2
	8	DD21H 0,85/ 8-H-2.5-X	1378323	X	12.7
	10	DD21H 0,85/10-H-2.5-X	1378324	X	15.2
	12	DD21H 0,85/12-H-2.5-X	1378335	X	17.7
	16	DD21H 0,85/16-H-2.5-X	1378325	X	22.7
	20	DD21H 0,85/20-H-2.5-X	1378326	X	27.7
	6	DD21H 0,85/ 6-H-2.5-Y	1378146	Y	10.2
	8	DD21H 0,85/ 8-H-2.5-Y	1378144	Y	12.7
	10	DD21H 0,85/10-H-2.5-Y	1378143	Y	15.2
	12	DD21H 0,85/12-H-2.5-Y	1378142	Y	17.7
	16	DD21H 0,85/16-H-2.5-Y	1378141	Y	22.7
	20	DD21H 0,85/20-H-2.5-Y	1378133	Y	27.7
	12	DD21H 0,85/12-V-2.5-Z	1378099	Z	17.7
	6	DD21H 0,85/ 6-V-2.5-X	1378327	X	10.2
	8	DD21H 0,85/ 8-V-2.5-X	1378328	X	12.7
	10	DD21H 0,85/10-V-2.5-X	1378330	X	15.2
	12	DD21H 0,85/12-V-2.5-X	1378331	X	17.7
	16	DD21H 0,85/16-V-2.5-X	1378332	X	22.7
	20	DD21H 0,85/20-V-2.5-X	1378333	X	27.7

DD21 product family					
	Number of positions	Type	Item no.	Coding	Width in mm
	6	DD21H 0,85/ 6-V-2.5-Y	1378130	Y	10.2
	8	DD21H 0,85/ 8-V-2.5-Y	1378127	Y	12.7
	10	DD21H 0,85/10-V-2.5-Y	1378125	Y	15.2
	12	DD21H 0,85/12-V-2.5-Y	1378123	Y	17.7
	16	DD21H 0,85/16-V-2.5-Y	1378121	Y	22.7
	20	DD21H 0,85/20-V-2.5-Y	1378120	Y	27.7
	12	DD21H 0,85/12-H-2.5-Z	1378135	Z	17.7
	6	DD21H 0,85/ 6-PT-2.5-X	1378336	X	19.7
	8	DD21H 0,85/ 8-PT-2.5-X	1378337	X	22.2
	10	DD21H 0,85/10-PT-2.5-X	1378338	X	24.7
	12	DD21H 0,85/12-PT-2.5-X	1378339	X	27.2
	16	DD21H 0,85/16-PT-2.5-X	1378340	X	32.2
	20	DD21H 0,85/20-PT-2.5-X	1378341	X	37.2
	6	DD21H 0,85/ 6-PT-2.5-Y	1378113	Y	19.7
	8	DD21H 0,85/ 8-PT-2.5-Y	1378115	Y	22.2
	10	DD21H 0,85/10-PT-2.5-Y	1378112	Y	24.7
	12	DD21H 0,85/12-PT-2.5-Y	1378114	Y	27.2
	16	DD21H 0,85/16-PT-2.5-Y	1378111	Y	32.2
	20	DD21H 0,85/20-PT-2.5-Y	1378108	Y	37.2
	6	DD21H 0,85/ 6-FH-2.5-X	1378342	X	10.2
	8	DD21H 0,85/ 8-FH-2.5-X	1378343	X	12.7
	12	DD21H 0,85/12-FH-2.5-X	1378344	X	17.7
	20	DD21H 0,85/20-FH-2.5-X	1378345	X	27.7
	6	DD21H 0,85/6-FH-2.5-Y	1378106	Y	10.2
	8	DD21H 0,85/8-FH-2.5-Y	1378139	Y	12.7
	12	DD21H 0,85/12-FH-2.5-Y	1378137	Y	17.7
	20	DD21H 0,85/20-FH-2.5-Y	1378103	Y	27.7

DD21 product family						
	Type	Item no.	Category	AWG	Conductor cross-section (mm ²)	Type of contact
	D2PC-MP 0,12-0,20-F-SN-L	1378350	S	26 ... 24	0.12 ... 0.20	Bulk goods
	D2PC-MP 0,30-0,85-F-SN-L	1378349	M	22 ... 18	0.30 ... 0.85	Bulk goods
	D2PC-MP 0.12-0.20-F-SN-R	1378354	S	26 ... 24	0.12 ... 0.20	Taped contacts
	D2PC-MP 0.30-0.85-F-SN-R	1378353	M	22 ... 18	0.30 ... 0.85	Taped contacts
	D2HC-MP 0,12-0,20-M-SN-L	1378348	S	26 ... 24	0.12 ... 0.20	Bulk goods
	D2HC-MP 0,30-0,85-M-SN-L	1378188	M	22 ... 18	0.30 ... 0.85	Bulk goods
	D2HC-MP 0.12-0.20-M-SN-R	1378352	S	26 ... 24	0.12 ... 0.20	Taped contacts
	D2HC-MP 0.30-0.85-M-SN-R	1378351	M	22 ... 18	0.30 ... 0.85	Taped contacts

Product overview




Technical data for D31 and DD31




Conductor cross-section flexible min. (AWG)	28
Conductor cross-section flexible min. (AWG)	14
Rated voltage (III/2)	160 V
Nominal current	8 A
Color	Black (9005)
Contact surface	Tin
Pitch	3.81 mm
Insertion and withdrawal cycles	25




D31 product family

	Number of positions	Type	Item no.	Coding	Width in mm
	2	D31PC 2,2/ 2-3,81-X	1337548	X	22.95
	3	D31PC 2,2/ 3-3,81-X	1339690	X	26.76
	4	D31PC 2,2/ 4-3,81-X	1339692	X	30.57
	5	D31PC 2,2/ 5-3,81-X	1339691	X	34.38
	6	D31PC 2,2/ 6-3,81-X	1339694	X	38.19
	8	D31PC 2,2/ 8-3,81-X	1339695	X	45.81
	10	D31PC 2,2/10-3,81-X	1339697	X	53.43
	3	D31PC 2,2/ 3-3,81-Y	1340903	Y	26.76
	4	D31PC 2,2/ 4-3,81-Y	1340904	Y	30.57
	5	D31PC 2,2/ 5-3,81-Y	1340905	Y	34.38
	6	D31PC 2,2/ 6-3,81-Y	1340906	Y	38.19
	8	D31PC 2,2/ 8-3,81-Y	1341086	Y	45.81
	10	D31PC 2,2/10-3,81-Y	1341089	Y	53.43
	2	D31H 2,2/ 2-H-3,81-X	1339699	X	17.81
	3	D31H 2,2/ 3-H-3,81-X	1339698	X	21.62
	4	D31H 2,2/ 4-H-3,81-X	1339700	X	25.43
	5	D31H 2,2/ 5-H-3,81-X	1339704	X	29.24
	6	D31H 2,2/ 6-H-3,81-X	1339706	X	33.05
	8	D31H 2,2/ 8-H-3,81-X	1339707	X	40.67
	10	D31H 2,2/10-H-3,81-X	1339712	X	48.29
	3	D31H 2,2/ 3-H-3,81-Y	1341118	Y	21.62
	4	D31H 2,2/ 4-H-3,81-Y	1341119	Y	25.43
	5	D31H 2,2/ 5-H-3,81-Y	1341120	Y	29.24
	6	D31H 2,2/ 6-H-3,81-Y	1341122	Y	29.24
	8	D31H 2,2 / 8-H-3,81-Y	1341123	Y	40.67
	10	D31H 2,2/10-H-3,81-Y	1341124	Y	48.29
	2	D31H 2,2/ 2-V-3,81-X	1339713	X	17.81
	3	D31H 2,2/ 3-V-3,81-X	1339716	X	21.62
	4	D31H 2,2/ 4-V-3,81-X	1339717	X	25.43
	5	D31H 2,2/ 5-V-3,81-X	1339718	X	29.24
6	D31H 2,2/ 6-V-3,81-X	1339719	X	33.05	
	8	D31H 2,2/ 8-V-3,81-X	1340373	X	40.67
	10	D31H 2,2/10-V-3,81-X	1340375	X	48.29



D31 product family					
	Number of positions	Type	Item no.	Coding	Width in mm
	3	D31H 2,2/ 3-V-3,81-Y	1341127	Y	21.62
	4	D31H 2,2/ 4-V-3,81-Y	1341128	Y	25.43
	5	D31H 2,2/ 5-V-3,81-Y	1341129	Y	29.24
	6	D31H 2,2/ 6-V-3,81-Y	1341130	Y	33.05
	8	D31H 2,2/ 8-V-3,81-Y	1341131	Y	40.67
	10	D31H 2,2/10-V-3,81-Y	1341132	Y	48.29
	3	D31H 2,2/ 3-PT-3,81-X	1340376	X	40
	4	D31H 2,2/ 4-PT-3,81-X	1340377	X	43.5
	5	D31H 2,2/ 5-PT-3,81-X	1340378	X	47
	8	D31H 2,2/ 8-PT-3,81-X	1340382	X	59
	10	D31H 2,2/10-PT-3,81-X	1340383	X	67
	3	D31H 2,2/ 3-PT-3,81-Y	1341133	Y	40
	4	D31H 2,2/ 4-PT-3,81-Y	1341134	Y	43.5
	5	D31H 2,2/ 5-PT-3,81-Y	1341136	Y	47
	8	D31H 2,2/ 8-PT-3,81-Y	1341137	Y	59
	10	D31H 2,2/10-PT-3,81-Y	1341139	X	67
	3	D31H 2,2/ 3-FH-3,81-X	1340385	X	25.57
	4	D31H 2,2/ 4-FH-3,81-X	1340386	X	29.38
	5	D31H 2,2/ 5-FH-3,81-X	1340387	X	33.19
	8	D31H 2,2/ 8-FH-3,81-X	1340388	X	44.62
	10	D31H 2,2/10-FH-3,81-X	1340389	X	52.24
	3	D31H 2,2/ 3-FH-3,81-Y	1341138	Y	25.57
	4	D31H 2,2/ 4-FH-3,81-Y	1341140	Y	29.38
	5	D31H 2,2/ 5-FH-3,81-Y	1341141	Y	33.19
	8	D31H 2,2/ 8-FH-3,81-Y	1341142	Y	44.62
	10	D31H 2,2/10-FH-3,81-Y	1341144	Y	52.24

DD31 product family					
	Number of positions	Type	Item no.	Coding	Width in mm
	4	DD31PC 2,2/ 4-3,81-X	1340465	X	20.55
	6	DD31PC 2,2/ 6-3,81-X	1340466	X	24.36
	8	DD31PC 2,2/ 8-3,81-X	1340468	X	28.17
	10	DD31PC 2,2/10-3,81-X	1340469	X	31.98
	12	DD31PC 2,2/12-3,81-X	1340471	X	35.79
	14	DD31PC 2,2/14-3,81-X	1340472	X	39.6
	16	DD31PC 2,2/16-3,81-X	1340474	X	43.41
	18	DD31PC 2,2/18-3,81-X	1340475	X	47.22
	20	DD31PC 2,2/20-3,81-X	1340481	X	51.03



Product overview

DD31 product family						
	Number of positions	Type	Item no.	Coding	Width in mm	
	4	DD31PC 2,2/ 4-3,81-Y	1341274	Y	20.55	
	6	DD31PC 2,2/ 6-3,81-Y	1341275	Y	24.36	
	8	DD31PC 2,2/ 8-3,81-Y	1341276	Y	28.17	
	10	DD31PC 2,2/10-3,81-Y	1341278	Y	31.98	
	12	DD31PC 2,2/12-3,81-Y	1341280	Y	53.79	
	14	DD31PC 2,2/14-3,81-Y	1341282	Y	39.6	
	16	DD31PC 2,2/16-3,81-Y	1341283	Y	43.41	
	18	DD31PC 2,2/20-3,81-Y	1341284	Y	47.22	
	20	DD31PC 2,2/18-3,81-Y	1341287	Y	51.03	
	4	DD31H 2,2/ 4-H-3,81-X	1340477	X	17.81	
	6	DD31H 2,2/ 6-H-3,81-X	1340478	X	21.62	
	8	DD31H 2,2/ 8-H-3,81-X	1340480	X	25.43	
	10	DD31H 2,2/12-H-3,81-X	1340482	X	33.05	
	12	DD31H 2,2/10-H-3,81-X	1340483	X	29.24	
	14	DD31H 2,2/14-H-3,81-X	1340484	X	36.86	
	16	DD31H 2,2/16-H-3,81-X	1340489	X	40.67	
	18	DD31H 2,2/18-H-3,81-X	1340490	X	44.48	
	20	DD31H 2,2/20-H-3,81-X	1340492	X	48.29	
	4	DD31H 2,2/ 4-H-3,81-Y	1341370	Y	17.81	
	6	DD31H 2,2/ 6-H-3,81-Y	1341373	Y	21.62	
	8	DD31H 2,2/ 8-H-3,81-Y	1341376	Y	25.43	
	10	DD31H 2,2/10-H-3,81-Y	1341121	Y	29.24	
	12	DD31H 2,2/12-H-3,81-Y	1341381	Y	33.05	
	14	DD31H 2,2/14-H-3,81-Y	1341386	Y	36.86	
	16	DD31H 2,2/16-H-3,81-Y	1341389	Y	40.67	
	18	DD31H 2,2/18-H-3,81-Y	1341392	Y	44.48	
	20	DD31H 2,2/20-H-3,81-Y	1341395	Y	48.29	
		4	DD31H 2,2/ 4-V-3,81-X	1340494	X	17.81
		6	DD31H 2,2/ 6-V-3,81-X	1340498	X	21.62
8		DD31H 2,2/ 8-V-3,81-X	1340606	X	25.43	
10		DD31H 2,2/12-V-3,81-X	1340611	X	33.05	
12		DD31H 2,2/10-V-3,81-X	1340615	X	29.24	
14		DD31H 2,2/14-V-3,81-X	1340620	X	36.86	
16		DD31H 2,2/16-V-3,81-X	1340625	X	40.67	
18		DD31H 2,2/18-V-3,81-X	1340627	X	44.48	
20		DD31H 2,2/20-V-3,81-X	1340628	X	48.29	
4		DD31H 2,2/ 4-V-3,81-Y	1341398	Y	17.81	
6		DD31H 2,2/ 6-V-3,81-Y	1341402	Y	21.62	
8		DD31H 2,2/ 8-V-3,81-Y	1341404	Y	25.43	
10		DD31H 2,2/10-V-3,81-Y	1341406	Y	29.24	
12		DD31H 2,2/12-V-3,81-Y	1341409	Y	33.05	
14		DD31H 2,2/14-V-3,81-Y	1341411	Y	36.86	
16		DD31H 2,2/16-V-3,81-Y	1341414	Y	40.67	
18		DD31H 2,2/18-V-3,81-Y	1341417	Y	44.48	
20		DD31H 2,2/20-V-3,81-Y	1341420	Y	48.29	

DD31 product family

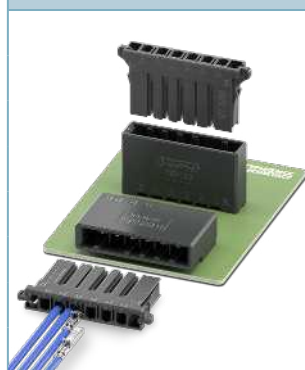
	Number of positions	Type	Item no.	Coding	Width in mm
	6	DD31H 2,2/ 6-PT-3,81-X	1340629	X	40
	8	DD31H 2,2/ 8-PT-3,81-X	1340632	X	43.5
	10	DD31H 2,2/10-PT-3,81-X	1340662	X	47
	12	DD31H 2,2/12-PT-3,81-X	1340666	X	51
	16	DD31H 2,2/16-PT-3,81-X	1340678	X	59
	20	DD31H 2,2/20-PT-3,81-X	1340706	X	67
	6	DD31H 2,2/ 6-FH-3,81-X	1340708	X	25.57
	8	DD31H 2,2/ 8-FH-3,81-X	1340709	X	29.38
	10	DD31H 2,2/10-FH-3,81-X	1340711	X	33.19
	12	DD31H 2,2/12-FH-3,81-X	1340720	X	37
	16	DD31H 2,2/16-FH-3,81-X	1340721	X	44.62
	20	DD31H 2,2/20-FH-3,81-X	1340730	X	52.24

DD31 product family

	Type	Item no.	Category	AWG	Conductor cross-section (mm ²)	Type of contact
	D3PC-MP 0,08-0,20-F-Sn-L	1340359	S	28 ... 24	0.12 ... 0.20	Bulk goods
	D3PC-MP 0,20-0,50-F-Sn-L	1340361	M	24 ... 20	0.20 ... 0.50	Bulk goods
	D3PC-MP 0,50-1,25-F-Sn-L	1340363	L	20 ... 16	0.50 ... 1.25	Bulk goods
	D3PC-MP 1,25-2,2-F-Sn-L	1340365	2L	16 ... 14	1.25 ... 2.2	Bulk goods
	D3PC-MP 0,08-0,20-F-Sn-R	1340671	S	28 ... 24	0.12 ... 0.20	Taped contacts
	D3PC-MP 0,20-0,50-F-Sn-R	1340887	M	24 ... 20	0.20 ... 0.50	Taped contacts
	D3PC-MP 0,50-1,25-F-Sn-R	1340888	L	20 ... 16	0.50 ... 1.25	Taped contacts
	D3PC-MP 1,25-2,2-F-Sn-R	1340889	2L	16 ... 14	1.25 ... 2.2	Taped contacts
	D3HC-MP 0,08-0,20-M-Sn-L	1340367	S	28 ... 24	0.12 ... 0.20	Bulk goods
	D3HC-MP 0,20-0,50-M-Sn-L	1340368	M	24 ... 20	0.20 ... 0.50	Bulk goods
	D3HC-MP 0,50-1,25-M-Sn-L	1340369	L	20 ... 16	0.50 ... 1.25	Bulk goods
	D3HC-MP 1,25-2,2-M-Sn-L	1340370	2L	16 ... 14	1.25 ... 2.2	Bulk goods
	D3HC-MP 0,08-0,20-M-Sn-R	1340893	S	28 ... 24	0.12 ... 0.20	Taped contacts
	D3HC-MP 0,20-0,50-M-Sn-R	1340894	M	24 ... 20	0.20 ... 0.50	Taped contacts
	D3HC-MP 0,50-1,25-M-Sn-R	1340895	L	20 ... 16	0.50 ... 1.25	Taped contacts
	D3HC-MP 1,25-2,2-M-Sn-R	1340897	2L	16 ... 14	1.25 ... 2.2	Taped contacts

Product overview

Technical data for D32 and DD32






Conductor cross-section flexible min. (AWG)	28
Conductor cross-section flexible min. (AWG)	14
Rated voltage (III/2)	320 V
Nominal current	5 A
Color	Black (9005)
Contact surface	Tin
Pitch	5.08 mm
Insertion and withdrawal cycles	25




D32 product family




	Number of positions	Type	Item no.	Coding	Width in mm	
	2	D32PC 2,2/ 2-5,08-X	1376522	X	24.22	
	3	D32PC 2,2/ 3-5,08-X	1376523	X	29.3	
	4	D32PC 2,2/ 4-5,08-X	1376524	X	34.38	
	5	D32PC 2,2/ 5-5,08-X	1376525	X	39.46	
	6	D32PC 2,2/ 6-5,08-X	1376527	X	44.54	
	8	D32PC 2,2/ 8-5,08-X	1376529	X	54.7	
	10	D32PC 2,2/10-5,08-X	1376531	X	64.86	
	2	D32PC 2,2/ 2-5,08-Y	1376499	Y	19.08	
	3	D32PC 2,2/ 3-5,08-Y	1376498	Y	24.16	
	4	D32PC 2,2/ 4-5,08-Y	1376497	Y	29.24	
	5	D32PC 2,2/ 5-5,08-Y	1376495	Y	34.32	
	6	D32PC 2,2/ 6-5,08-Y	1378281	Y	44.54	
	3	D32PC 2,2/ 3-5,08-Z	1378299	Z	29.3	
		2	D32H 2,2/ 2-H-5,08-X	1376532	X	19.08
		3	D32H 2,2/ 3-H-5,08-X	1376533	X	24.16
4		D32H 2,2/ 4-H-5,08-X	1376535	X	29.24	
5		D32H 2,2/ 5-H-5,08-X	1376538	X	34.32	
6		D32H 2,2/ 6-H-5,08-X	1376540	X	39.4	
8		D32H 2,2/ 8-H-5,08-X	1376541	X	49.56	
10		D32H 2,2/10-H-5,08-X	1376542	X	59.72	
2		D32H 2,2/ 2-H-5,08-Y	1376496	Y	19.08	
3		D32H 2,2/ 3-H-5,08-Y	1376494	Y	24.16	
4		D32H 2,2/ 4-H-5,08-Y	1378282	Y	29.24	
5		D32H 2,2/ 5-H-5,08-Y	1378283	Y	34.32	
6		D32H 2,2/ 6-H-5,08-Y	1378285	Y	39.4	
3		D32H 2,2/ 3-H-5,08-Z	1378300	Z	24.16	



D32 product family

	Number of positions	Type	Item no.	Coding	Width in mm
	2	D32H 2,2/ 2-V-5,08-X	1376543	X	19.08
	3	D32H 2,2/ 3-V-5,08-X	1376545	X	24.16
	4	D32H 2,2/ 4-V-5,08-X	1376546	X	29.24
	5	D32H 2,2/ 5-V-5,08-X	1376547	X	34.32
	6	D32H 2,2/ 6-V-5,08-X	1376548	X	39.4
	8	D32H 2,2/ 8-V-5,08-X	1376551	X	49.56
	10	D32H 2,2/10-V-5,08-X	1376552	X	59.72
	2	D32H 2,2/ 2-V-5,08-Y	1378286	Y	19.08
	3	D32H 2,2/ 3-V-5,08-Y	1378287	Y	24.16
	4	D32H 2,2/ 4-V-5,08-Y	1378290	Y	29.24
	5	D32H 2,2/ 5-V-5,08-Y	1378291	Y	34.32
	6	D32H 2,2/ 6-V-5,08-Y	1378292	Y	39.4
	3	D32H 2,2/ 3-V-5,08-Z	1378301	Z	24.16
		2	D32H 2,2/ 2-PT-5,08-X	1376506	X
3		D32H 2,2/ 3-PT-5,08-X	1376508	X	41.23
4		D32H 2,2/ 4-PT-5,08-X	1376509	X	46.23
5		D32H 2,2/ 5-PT-5,08-X	1376512	X	51.23
6		D32H 2,2/ 6-PT-5,08-X	1376513	X	57.23
8		D32H 2,2/ 8-PT-5,08-X	1376515	X	66.73
10		D32H 2,2/10-PT-5,08-X	1376518	X	78.23
2		D32H 2,2/ 2-PT-5,08-Y	1378293	Y	36.23
3		D32H 2,2/ 3-PT-5,08-Y	1378294	Y	41.23
4		D32H 2,2/ 4-PT-5,08-Y	1378295	Y	46.23
	2	D32H 2,2/ 2-FH-5,08-X	1376634	X	22.43
	3	D32H 2,2/ 3-FH-5,08-X	1376639	X	27.43
	4	D32H 2,2/ 4-FH-5,08-X	1376640	X	32.43
	2	D32H 2,2/ 2-FH-5,08-Y	1378296	Y	22.43
	3	D32H 2,2/ 3-FH-5,08-Y	1378297	Y	27.43
	4	D32H 2,2/ 4-FH-5,08-Y	1378298	Y	32.43

Product overview

DD32 product family					
	Number of positions	Type	Item no.	Coding	Width in mm
	4	DD32PC 2,2/ 4-5,08-XX	1376625	XX	22.22
	6	DD32PC 2,2/ 6-5,08-XX	1376626	XX	27.3
	8	DD32PC 2,2/ 8-5,08-XX	1376627	XX	32.38
	10	DD32PC 2,2/10-5,08-XX	1376629	XX	37.46
	12	DD32PC 2,2/12-5,08-XX	1376630	XX	42.54
	16	DD32PC 2,2/16-5,08-XX	1376632	XX	52.7
	20	DD32PC 2,2/20-5,08-XX	1376633	XX	62.86
	6	DD32PC 2,2/ 6-5,08-YY	1378302	YY	27.3
	10	DD32PC 2,2/10-5,08-YY	1378303	YY	37.46
	12	DD32PC 2,2/12-5,08-YY	1378304	YY	42.54
	6	DD32PC 2,2/ 6-5,08-XY	1378263	YY	27.3
	8	DD32PC 2,2/ 8-5,08-XY	1378239	YY	32.38
	10	DD32PC 2,2/10-5,08-XY	1378235	YY	37.46
	12	DD32PC 2,2/12-5,08-XY	1378220	YY	42.54
		4	DD32H 2,2/ 4-H-5,08-XX	1378265	XX
6		DD32H 2,2/ 6-H-5,08-XX	1378268	XX	24.16
8		DD32H 2,2/ 8-H-5,08-XX	1378269	XX	29.24
10		DD32H 2,2/10-H-5,08-XX	1378270	XX	34.32
12		DD32H 2,2/12-H-5,08-XX	1378271	XX	39.4
16		DD32H 2,2/16-H-5,08-XX	1378272	XX	49.56
20		DD32H 2,2/20-H-5,08-XX	1378273	XX	59.72
6		DD32H 2,2/ 6-H-5,08-YY	1378305	YY	24.16
10		DD32H 2,2/10-H-5,08-YY	1378306	YY	34.32
12		DD32H 2,2/12-H-5,08-YY	1378307	YY	39.4
6		DD32H 2,2/ 6-H-5,08-XY	1378315	YY	24.16
8		DD32H 2,2/ 8-H-5,08-XY	1378316	YY	29.24
10		DD32H 2,2/10-H-5,08-XY	1378190	YY	34.32
12		DD32H 2,2/12-H-5,08-XY	1378264	YY	39.4
		4	DD32H 2,2/ 4-V-5,08-XX	1378274	XX
	6	DD32H 2,2/ 6-V-5,08-XX	1378275	XX	24.16
	8	DD32H 2,2/ 8-V-5,08-XX	1378276	XX	29.24
	10	DD32H 2,2/10-V-5,08-XX	1378277	XX	34.32
	12	DD32H 2,2/12-V-5,08-XX	1378278	XX	39.4
	16	DD32H 2,2/16-V-5,08-XX	1378279	XX	49.56
	20	DD32H 2,2/20-V-5,08-XX	1378280	XX	59.72
	6	DD32H 2,2/ 6-V-5,08-YY	1378308	YY	24.16
	10	DD32H 2,2/10-V-5,08-YY	1378309	YY	34.32
	12	DD32H 2,2/12-V-5,08-YY	1378310	YY	39.4

DD32 product family					
	Number of positions	Type	Item no.	Coding	Width in mm
	6	DD32H 2,2/ 6-V-5,08-XY	1378217	YY	24.16
	8	DD32H 2,2/ 8-V-5,08-XY	1378216	YY	29.24
	10	DD32H 2,2/10-V-5,08-XY	1378215	YY	34.32
	12	DD32H 2,2/12-V-5,08-XY	1378214	YY	39.4
	6	DD32H 2,2/ 6-PT-5,08-XX	1376500	XX	41.23
	12	DD32H 2,2/12-PT-5,08-XX	1376502	XX	57.23
	20	DD32H 2,2/20-PT-5,08-XX	1376503	XX	78.23
	6	DD32H 2,2/ 6-PT-5,08-YY	1378311	YY	41.23
	12	DD32H 2,2/12-PT-5,08-YY	1378312	YY	57.23
	6	DD32H 2,2/ 6-PT-5,08-XY	1378212	XY	41.23
	12	DD32H 2,2/12-PT-5,08-XY	1378210	XY	43.43
	6	DD32H 2,2/ 6-FH-5,08-XX	1376635	XX	27.43
	12	DD32H 2,2/12-FH-5,08-XX	1376636	XX	43.43
	6	DD32H 2,2/ 6-FH-5,08-YY	1378313	YY	27.43
	12	DD32H 2,2/12-FH-5,08-YY	1378314	YY	43.43
	6	DD32H 2,2/ 6-FH-5,08-XY	1378208	XY	27.43
	12	DD32H 2,2/12-FH-5,08-XY	1378191	XY	39.4

DD32 product family						
	Type	Item no.	Category	AWG	Conductor cross-section (mm ²)	Type of contact
	D3PC-MP 0,08-0,20-F-Sn-L	1340359	S	28 ... 24	0.12 ... 0.20	Bulk goods
	D3PC-MP 0,20-0,50-F-Sn-L	1340361	M	24 ... 20	0.20 ... 0.50	Bulk goods
	D3PC-MP 0,50-1,25-F-Sn-L	1340363	L	20 ... 16	0.50 ... 1.25	Bulk goods
	D3PC-MP 1,25-2,2-F-Sn-L	1340365	2L	16 ... 14	1.25 ... 2.2	Bulk goods
	D3PC-MP 1,25-2,2L-F-Sn-L	1340366	3L	16 ... 14	1.25 ... 2.2	Bulk goods
	D3PC-MP 0,08-0,20-F-Sn-R	1340671	S	28 ... 24	0.12 ... 0.20	Taped contacts
	D3PC-MP 0,20-0,50-F-Sn-R	1340887	M	24 ... 20	0.20 ... 0.50	Taped contacts
	D3PC-MP 0,50-1,25-F-Sn-R	1340888	L	20 ... 16	0.50 ... 1.25	Taped contacts
	D3PC-MP 1,25-2,2-F-Sn-R	1340889	2L	16 ... 14	1.25 ... 2.2	Taped contacts
	D3PC-MP 1,25-2,2L-F-Sn-R	1340892	3L	16 ... 14	1.25 ... 2.2	Taped contacts
	D3HC-MP 0,08-0,20-M-Sn-L	1340367	S	28 ... 24	0.12 ... 0.20	Bulk goods
	D3HC-MP 0,20-0,50-M-Sn-L	1340368	M	24 ... 20	0.20 ... 0.50	Bulk goods
	D3HC-MP 0,50-1,25-M-Sn-L	1340369	L	20 ... 16	0.50 ... 1.25	Bulk goods
	D3HC-MP 1,25-2,2-M-Sn-L	1340370	2L	16 ... 14	1.25 ... 2.2	Bulk goods
	D3HC-MP 1,25-2,2L-M-Sn-L	1340372	3L	16 ... 14	1.25 ... 2.2	Bulk goods
	D3HC-MP 0,08-0,20-M-Sn-R	1340893	S	28 ... 24	0.12 ... 0.20	Taped contacts
	D3HC-MP 0,20-0,50-M-Sn-R	1340894	M	24 ... 20	0.20 ... 0.50	Taped contacts
	D3HC-MP 0,50-1,25-M-Sn-R	1340895	L	20 ... 16	0.50 ... 1.25	Taped contacts
	D3HC-MP 1,25-2,2-M-Sn-R	1340897	2L	16 ... 14	1.25 ... 2.2	Taped contacts
	D3HC-MP 1,25-2,2L-M-Sn-R	1340899	3L	16 ... 14	1.25 ... 2.2	Taped contacts

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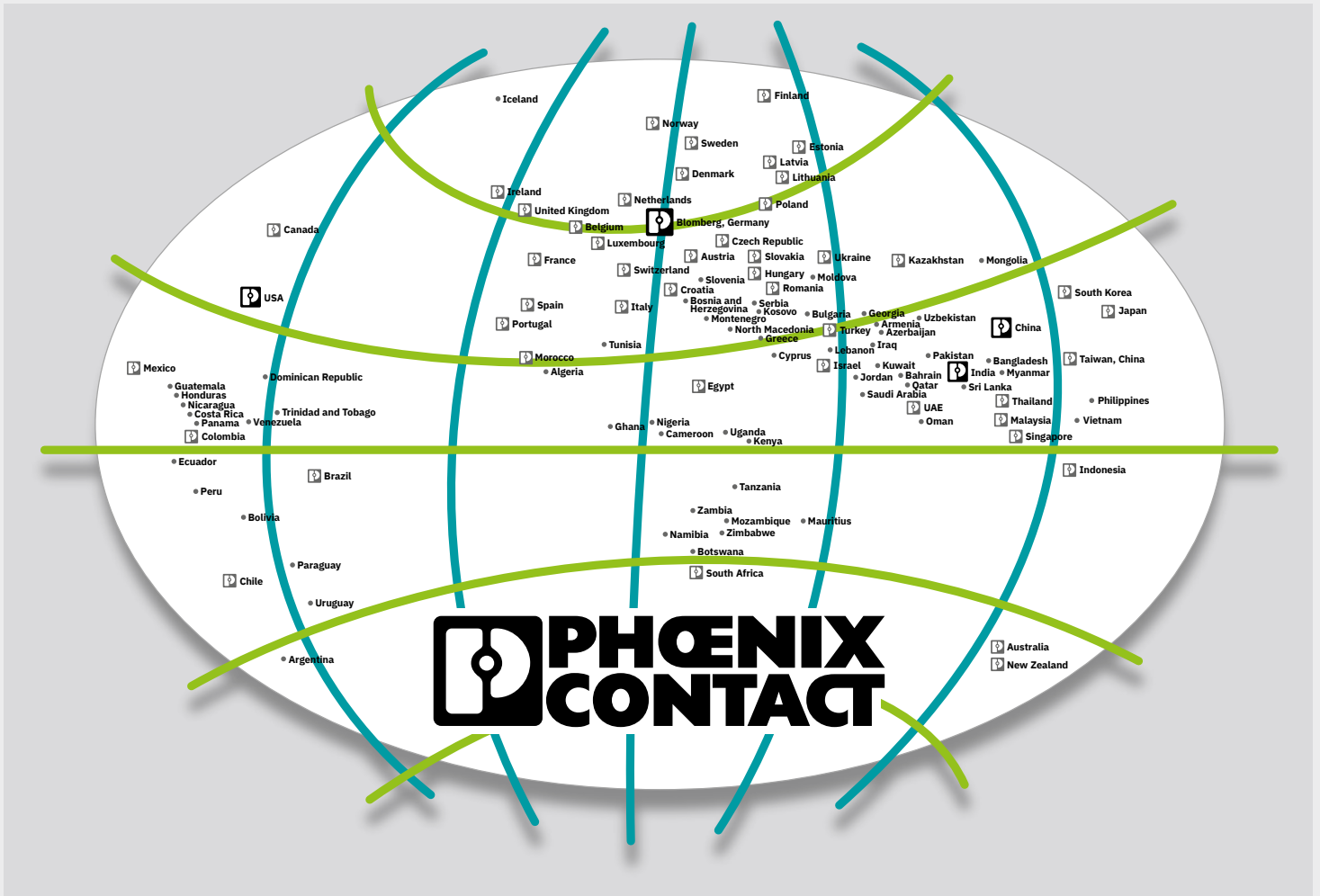
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