

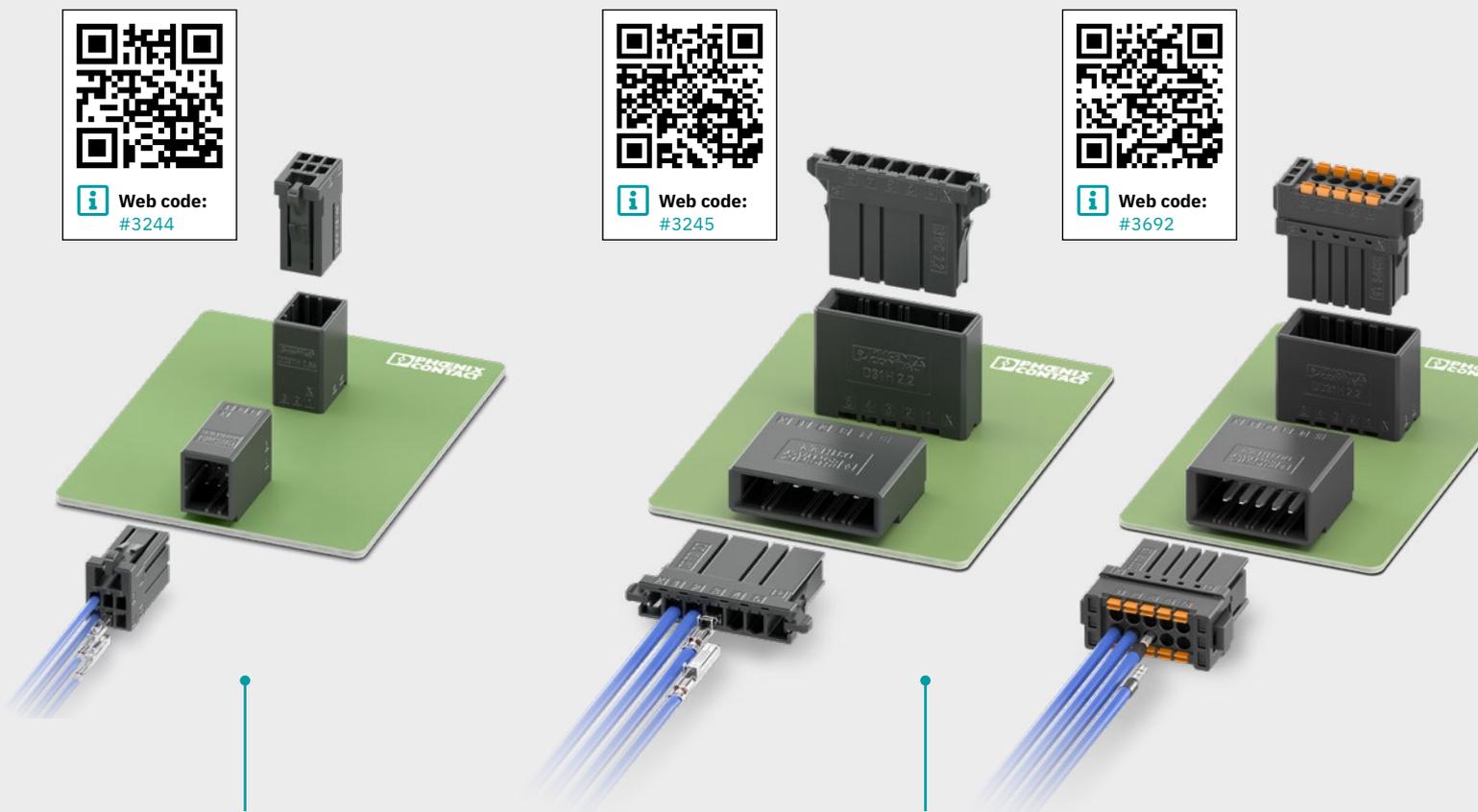
Wire-to-board connectors for cable assemblies

Product overview 2025

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 DD21

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

➤ More information starting on page 11

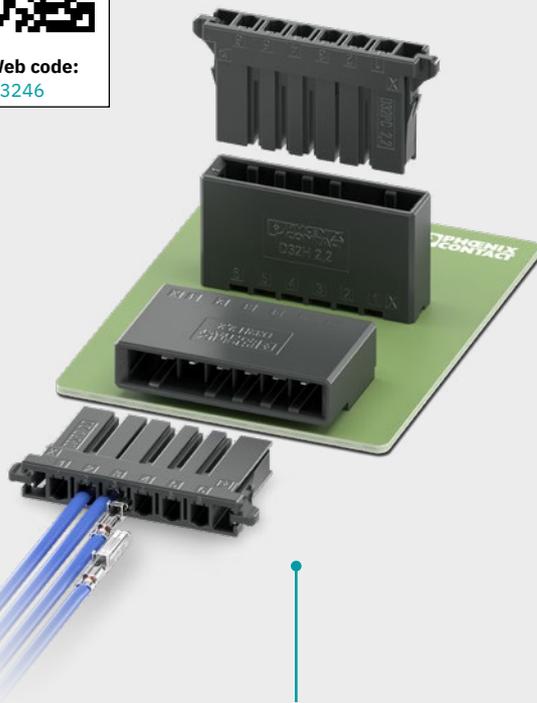
CONNEXIS D31/DD31/DD31PS

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

➤ More information starting on page 13



i Web code:
#3246



CONNEXIS D32/DD32

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

➤ More information starting on page 18

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Find out more with the web code

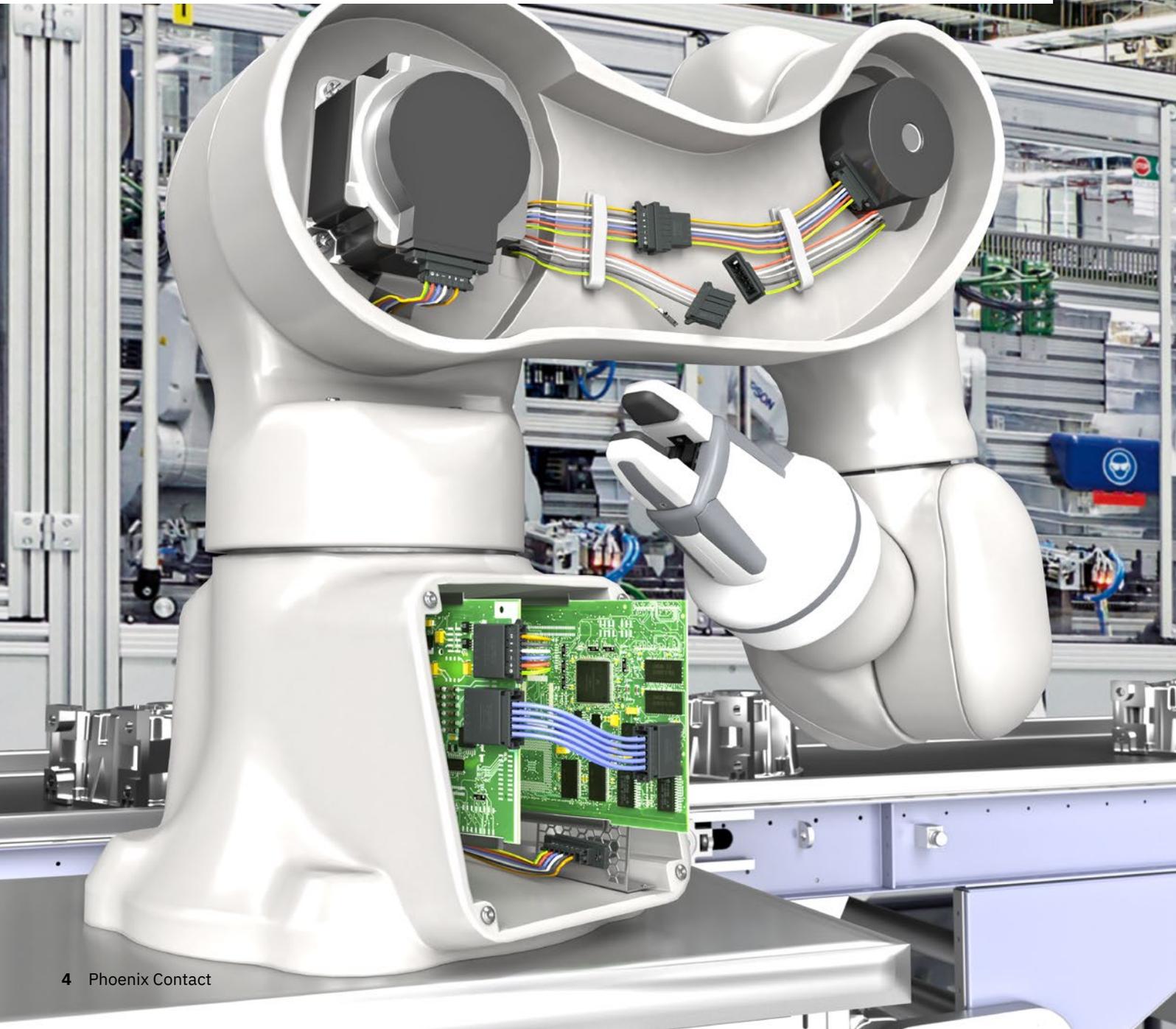
For detailed information, use the web codes provided in this brochure. Simply enter # and the four-digit number in the search field on our website.

i Web code: #1234 (example)

Or use the direct link:
phoenixcontact.com/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. This portfolio is now also being extended with Push-in connection technology.



Advantages at a glance



Custom printing

Keep a clear view in your production or during field mounting 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 contour permanently integrated 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.



Push-in connection technology

With the addition of Push-in connection technology, you now have the option of implementing tool-free connections quickly and efficiently. This also supports installation in the field.

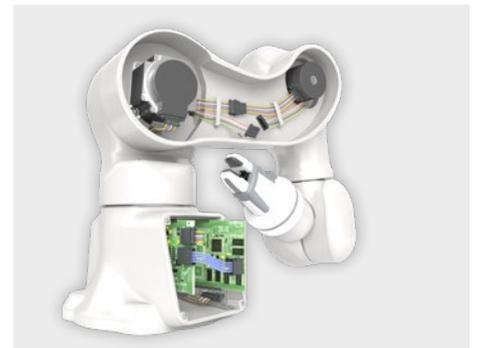


Effortless compatibility

Thanks to the pin connector pattern in the established market standard, not only has the design been standardized between crimp and Push-in connection technology, but it has also enabled compatibility with the market standard.

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. In addition, the D31 series connectors with Push-in connection technology are now also available for the final production step and prototypes.



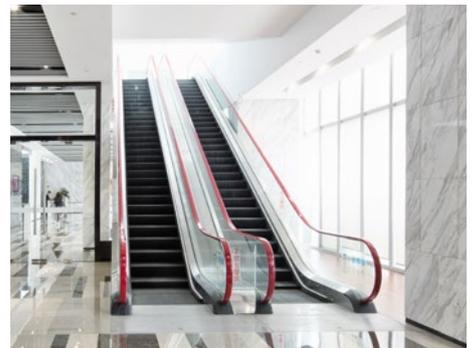
Robotics



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 compact connections efficiently.

Realize panel feed-throughs

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

Headers in various designs

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

Push-in connection technology

Tool-free and time-saving Push-in connection makes installation much easier.

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.

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

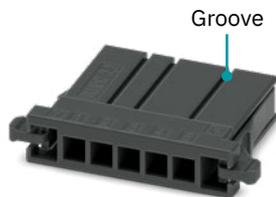
D3-MP RELEASE TOOL

Item no. [1441450](#)

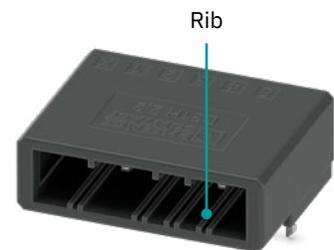


The special feature: The coding

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



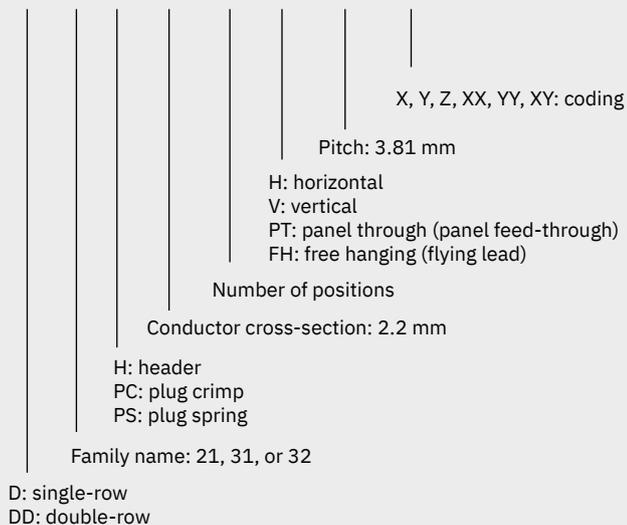
Coding realized by grooves



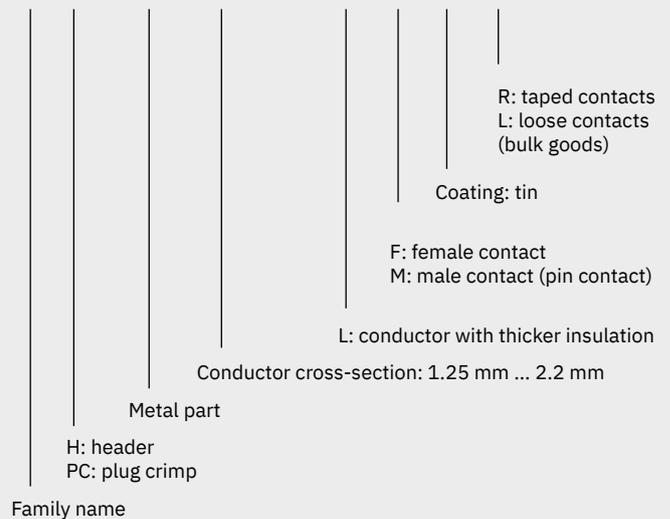
Coding realized by ribs

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: 28 AWG ... 24 AWG (insulation: 0.8 mm ... 1.4 mm)
M: 24 AWG ... 20 AWG (insulation: 1.2 mm ... 2.6 mm)
L: 20 AWG ... 16 AWG (insulation: 1.8 mm ... 2.8 mm)

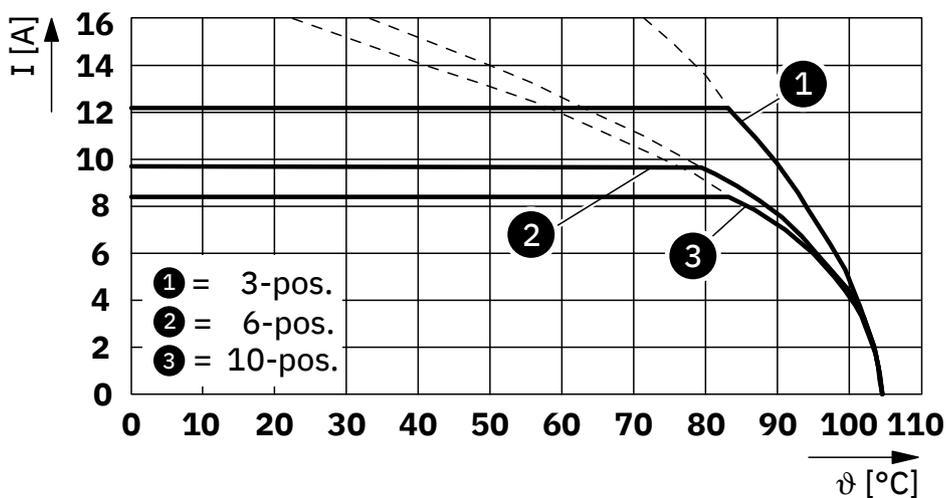
2L: 16 AWG ... 14 AWG (insulation: 2.2 mm ... 2.8 mm)
3L: 16 AWG ... 14 AWG (insulation: 3.1 mm ... 3.8 mm)

The nominal voltage in detail

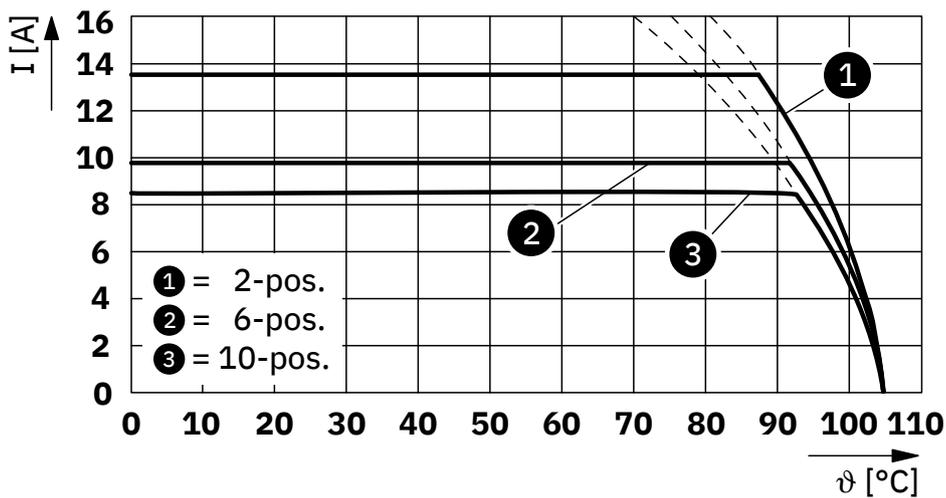
For the D31 and D32 product families, the nominal currents have also been included depending on the number of positions.

These results are illustrated in the table and in the form of derating curves:

Technical data		
Product family	D31	D32
Pitch	3.81 mm	5.08 mm
Nominal current	3-pos.: 12.25 A	2-pos.: 13.5 A
	6-pos.: 9.75 A	6-pos.: 9.75 A
	10-pos.: 8.5 A	10-pos.: 8.5 A
	20-pos.: 8 A	20-pos.: 8 A



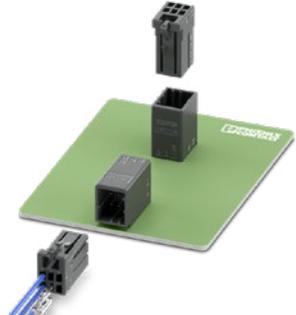
Example: D31PC 2,2/...-3,81-X with D31V 2,2/...-H-3,81-X



Example: D32PC 2,2/...-5,08-X with D32V 2,2/...-H-5,08-X

Product overview

Technical data for DD21

	Conductor cross-section flexible min. (AWG)	28
	Conductor cross-section flexible max. (AWG)	18
	Rated voltage (III/2)	160 V
	Nominal current	5 A
	Color	Black (9005)
	Contact surface	Tin
	Pitch	2.5 mm
	Insertion and withdrawal cycles	25

DD21 product family

	Number of positions	Type	Item no.	Coding	Width [mm]
	6	DD21PC 0,85/ 6-2,5-X	1378317	X	8.9
	8	DD21PC 0,85/ 8-2,5-X	1378318		11.4
	10	DD21PC 0,85/10-2,5-X	1378319		13.9
	12	DD21PC 0,85/12-2,5-X	1378320		16.4
	16	DD21PC 0,85/16-2,5-X	1378321		21.4
	20	DD21PC 0,85/20-2,5-X	1378322		26.4
	Y	6	DD21PC 0,85/ 6-2,5-Y	1378153	8.9
		8	DD21PC 0,85/ 8-2,5-Y	1378152	11.4
		10	DD21PC 0,85/10-2,5-Y	1378151	13.9
		12	DD21PC 0,85/12-2,5-Y	1378149	16.4
		16	DD21PC 0,85/16-2,5-Y	1378148	21.4
		20	DD21PC 0,85/20-2,5-Y	1378147	26.4
	Z	12	DD21PC 0,85/12-2,5-Z	1378102	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		12.7
	10	DD21H 0,85/10-H-2,5-X	1378324		15.2
	12	DD21H 0,85/12-H-2,5-X	1378335		17.7
	16	DD21H 0,85/16-H-2,5-X	1378325		22.7
	20	DD21H 0,85/20-H-2,5-X	1378326		27.7
	Y	6	DD21H 0,85/ 6-H-2,5-Y	1378146	10.2
		8	DD21H 0,85/ 8-H-2,5-Y	1378144	12.7
		10	DD21H 0,85/10-H-2,5-Y	1378143	15.2
		12	DD21H 0,85/12-H-2,5-Y	1378142	17.7
		16	DD21H 0,85/16-H-2,5-Y	1378141	22.7
		20	DD21H 0,85/20-H-2,5-Y	1378133	27.7
	Z	12	DD21H 0,85/12-H-2,5-Z	1378135	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		12.7
	10	DD21H 0,85/10-V-2,5-X	1378330		15.2
	12	DD21H 0,85/12-V-2,5-X	1378331		17.7
	16	DD21H 0,85/16-V-2,5-X	1378332		22.7
	20	DD21H 0,85/20-V-2,5-X	1378333		27.7

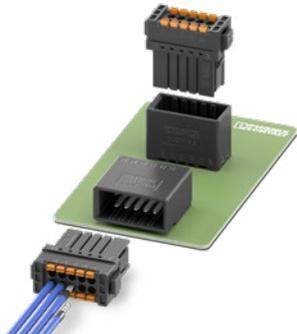
Product overview

DD21 product family							
	Number of positions	Type	Item no.	Coding	Width [mm]		
	6	DD21H 0,85/ 6-V-2,5-Y	1378130	Y	10.2		
	8	DD21H 0,85/ 8-V-2,5-Y	1378127		12.7		
	10	DD21H 0,85/10-V-2,5-Y	1378125		15.2		
	12	DD21H 0,85/12-V-2,5-Y	1378123		17.7		
	16	DD21H 0,85/16-V-2,5-Y	1378121		22.7		
	20	DD21H 0,85/20-V-2,5-Y	1378120		27.7		
	12	DD21H 0,85/12-V-2,5-Z	1378099	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		22.2		
	10	DD21H 0,85/10-PT-2,5-X	1378338		24.7		
	12	DD21H 0,85/12-PT-2,5-X	1378339		27.2		
	16	DD21H 0,85/16-PT-2,5-X	1378340		32.2		
	20	DD21H 0,85/20-PT-2,5-X	1378341		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		22.2		
	10	DD21H 0,85/10-PT-2,5-Y	1378112		24.7		
	12	DD21H 0,85/12-PT-2,5-Y	1378114		27.2		
	16	DD21H 0,85/16-PT-2,5-Y	1378111		32.2		
	20	DD21H 0,85/20-PT-2,5-Y	1378108		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		12.7
12		DD21H 0,85/12-FH-2,5-X	1378344	17.7			
20		DD21H 0,85/20-FH-2,5-X	1378345	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		12.7		
12		DD21H 0,85/12-FH-2,5-Y	1378137		17.7		
20		DD21H 0,85/20-FH-2,5-Y	1378103		27.7		

Crimp contacts for DD21						
	Type	Item no.	Category	AWG	Conductor cross-section [mm²]	Contact connection type
	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 DD31PS

	Conductor cross-section flexible min.	0.2 mm ²
	Conductor cross-section flexible max.	1.5 mm ²
	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

DD31PS product family

	Number of positions	Type	Item no.	Coding	Width [mm]
	NEW				
	4	DD31PS 1,5/ 4-3,81-X	1500430	X	21.6
	6	DD31PS 1,5/ 6-3,81-X	1500432		25.4
	8	DD31PS 1,5/ 8-3,81-X	1500433		29.2
	10	DD31PS 1,5/10-3,81-X	1500434		33
	12	DD31PS 1,5/12-3,81-X	1500435		36.8
	14	DD31PS 1,5/14-3,81-X	1500438		40.6
	16	DD31PS 1,5/16-3,81-X	1500439		44.4
	18	DD31PS 1,5/18-3,81-X	1500440		48.2
	20	DD31PS 1,5/20-3,81-X	1500441		52
	10	DD31PS 1,5/10-3,81-Y	1500451		Y
	16	DD31PS 1,5/16-3,81-Y	1500458	44.4	

Product overview

Technical data for D31 and DD31

	Conductor cross-section flexible min. (AWG)	28
	Conductor cross-section flexible max. (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

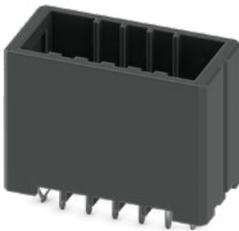
	Number of positions	Type	Item no.	Coding	Width [mm]
	2	D31PC 2,2/ 2-3,81-X	1337548	X	22.95
	3	D31PC 2,2/ 3-3,81-X	1339690		26.76
	4	D31PC 2,2/ 4-3,81-X	1339692		30.57
	5	D31PC 2,2/ 5-3,81-X	1339691		34.38
	6	D31PC 2,2/ 6-3,81-X	1339694		38.19
	8	D31PC 2,2/ 8-3,81-X	1339695		45.81
	10	D31PC 2,2/10-3,81-X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

Product overview

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

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

Product overview

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

Product overview

DD31 product family					
	Number of positions	Type	Item no.	Coding	Width [mm]
	6	DD31H 2,2/ 6-PT-3,81-X	1340629	X	40
	8	DD31H 2,2/ 8-PT-3,81-X	1340632		43.5
	10	DD31H 2,2/10-PT-3,81-X	1340662		47
	12	DD31H 2,2/12-PT-3,81-X	1340666		51
	16	DD31H 2,2/16-PT-3,81-X	1340678		59
	20	DD31H 2,2/20-PT-3,81-X	1340706		67
	6	DD31H 2,2/ 6-FH-3,81-X	1340708	X	25.57
	8	DD31H 2,2/ 8-FH-3,81-X	1340709		29.38
	10	DD31H 2,2/10-FH-3,81-X	1340711		33.19
	12	DD31H 2,2/12-FH-3,81-X	1340720		37
	16	DD31H 2,2/16-FH-3,81-X	1340721		44.62
	20	DD31H 2,2/20-FH-3,81-X	1340730		52.24

Crimp contacts for D31 and DD31						
	Type	Item no.	Category	AWG	Conductor cross-section [mm²]	Contact connection type
	D3PC-MP 0.08-0.20-F-SN-L	1340359	S	28 ... 24	0.08 ... 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 ... 2.20	Bulk goods
	D3PC-MP 0,08-0,20-F-SN-R	1340671	S	28 ... 24	0.08 ... 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 ... 2.20	Taped contacts
	D3HC-MP 0.08-0.20-M-SN-L	1340367	S	28 ... 24	0.08 ... 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 ... 2.20	Bulk goods
	D3HC-MP 0,08-0,20-M-SN-R	1340893	S	28 ... 24	0.08 ... 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 ... 2.20	Taped contacts

Product overview

Technical data for D32 and DD32

	Conductor cross-section flexible min. (AWG)	28
	Conductor cross-section flexible max. (AWG)	14
	Rated voltage (III/2)	320 V
	Nominal current	8 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 [mm]	
	2	D32PC 2,2/ 2-5,08-X	1376522	X	24.22	
	3	D32PC 2,2/ 3-5,08-X	1376523		29.3	
	4	D32PC 2,2/ 4-5,08-X	1376524		34.38	
	5	D32PC 2,2/ 5-5,08-X	1376525		39.46	
	6	D32PC 2,2/ 6-5,08-X	1376527		44.54	
	8	D32PC 2,2/ 8-5,08-X	1376529		54.7	
	10	D32PC 2,2/10-5,08-X	1376531		64.86	
	Y	2	D32PC 2,2/ 2-5,08-Y	1376499	19.08	
		3	D32PC 2,2/ 3-5,08-Y	1376498	24.16	
		4	D32PC 2,2/ 4-5,08-Y	1376497	29.24	
		5	D32PC 2,2/ 5-5,08-Y	1376495	34.32	
		6	D32PC 2,2/ 6-5,08-Y	1378281	44.54	
		Z	3	D32PC 2,2/ 3-5,08-Z	1378299	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		24.16
4		D32H 2,2/ 4-H-5,08-X	1376535	29.24		
5		D32H 2,2/ 5-H-5,08-X	1376538	34.32		
6		D32H 2,2/ 6-H-5,08-X	1376540	39.4		
8		D32H 2,2/ 8-H-5,08-X	1376541	49.56		
10		D32H 2,2/10-H-5,08-X	1376542	59.72		
Y		2	D32H 2,2/ 2-H-5,08-Y	1376496	19.08	
		3	D32H 2,2/ 3-H-5,08-Y	1376494	24.16	
		4	D32H 2,2/ 4-H-5,08-Y	1378282	29.24	
		5	D32H 2,2/ 5-H-5,08-Y	1378283	34.32	
		6	D32H 2,2/ 6-H-5,08-Y	1378285	39.4	
		Z	3	D32H 2,2/ 3-H-5,08-Z	1378300	24.16
		2	D32H 2,2/ 2-V-5,08-X	1376543	X	19.08
		3	D32H 2,2/ 3-V-5,08-X	1376545		24.16
	4	D32H 2,2/ 4-V-5,08-X	1376546	29.24		
	5	D32H 2,2/ 5-V-5,08-X	1376547	34.32		
	6	D32H 2,2/ 6-V-5,08-X	1376548	39.4		
	8	D32H 2,2/ 8-V-5,08-X	1376551	49.56		
	10	D32H 2,2/10-V-5,08-X	1376552	59.72		

Product overview

D32 product family					
	Number of positions	Type	Item no.	Coding	Width [mm]
	2	D32H 2,2/ 2-V-5,08-Y	1378286	Y	19.08
	3	D32H 2,2/ 3-V-5,08-Y	1378287		24.16
	4	D32H 2,2/ 4-V-5,08-Y	1378290		29.24
	5	D32H 2,2/ 5-V-5,08-Y	1378291		34.32
	6	D32H 2,2/ 6-V-5,08-Y	1378292		39.4
	3	D32H 2,2/ 3-V-5,08-Z	1378301		Z
	2	D32H 2,2/ 2-PT-5,08-X	1376506	X	36.23
	3	D32H 2,2/ 3-PT-5,08-X	1376508		41.23
	4	D32H 2,2/ 4-PT-5,08-X	1376509		46.23
	5	D32H 2,2/ 5-PT-5,08-X	1376512		51.23
	6	D32H 2,2/ 6-PT-5,08-X	1376513		57.23
	8	D32H 2,2/ 8-PT-5,08-X	1376515		66.73
	10	D32H 2,2/10-PT-5,08-X	1376518		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		41.23
	4	D32H 2,2/ 4-PT-5,08-Y	1378295		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		27.43
	4	D32H 2,2/ 4-FH-5,08-X	1376640		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		27.43
	4	D32H 2,2/ 4-FH-5,08-Y	1378298		32.43

DD32 product family					
	Number of positions	Type	Item no.	Coding	Width [mm]
	4	DD32PC 2,2/ 4-5,08-XX	1376625	XX	22.22
	6	DD32PC 2,2/ 6-5,08-XX	1376626		27.3
	8	DD32PC 2,2/ 8-5,08-XX	1376627		32.38
	10	DD32PC 2,2/10-5,08-XX	1376629		37.46
	12	DD32PC 2,2/12-5,08-XX	1376630		42.54
	16	DD32PC 2,2/16-5,08-XX	1376632		52.7
	20	DD32PC 2,2/20-5,08-XX	1376633		62.86
	6	DD32PC 2,2/ 6-5,08-YY	1378302	YY	27.3
	10	DD32PC 2,2/10-5,08-YY	1378303		37.46
	12	DD32PC 2,2/12-5,08-YY	1378304		42.54
	6	DD32PC 2,2/ 6-5,08-XY	1378263	XY	27.3
	8	DD32PC 2,2/ 8-5,08-XY	1378239		32.38
	10	DD32PC 2,2/10-5,08-XY	1378235		37.46
	12	DD32PC 2,2/12-5,08-XY	1378220		42.54

Product overview

DD32 product family						
	Number of positions	Type	Item no.	Coding	Width [mm]	
	4	DD32H 2,2/ 4-H-5,08-XX	1378265	XX	19.08	
	6	DD32H 2,2/ 6-H-5,08-XX	1378268		24.16	
	8	DD32H 2,2/ 8-H-5,08-XX	1378269		29.24	
	10	DD32H 2,2/10-H-5,08-XX	1378270		34.32	
	12	DD32H 2,2/12-H-5,08-XX	1378271		39.4	
	16	DD32H 2,2/16-H-5,08-XX	1378272		49.56	
	20	DD32H 2,2/20-H-5,08-XX	1378273		59.72	
	XX	6	DD32H 2,2/ 6-H-5,08-YY	1378305	YY	24.16
		10	DD32H 2,2/10-H-5,08-YY	1378306		34.32
		12	DD32H 2,2/12-H-5,08-YY	1378307		39.4
		XY	6	DD32H 2,2/ 6-H-5,08-XY		1378315
	8		DD32H 2,2/ 8-H-5,08-XY	1378316	29.24	
	10		DD32H 2,2/10-H-5,08-XY	1378190	34.32	
	12		DD32H 2,2/12-H-5,08-XY	1378264	39.4	
	4	DD32H 2,2/ 4-V-5,08-XX	1378274	XX	19.08	
	6	DD32H 2,2/ 6-V-5,08-XX	1378275		24.16	
	8	DD32H 2,2/ 8-V-5,08-XX	1378276		29.24	
	10	DD32H 2,2/10-V-5,08-XX	1378277		34.32	
	12	DD32H 2,2/12-V-5,08-XX	1378278		39.4	
	16	DD32H 2,2/16-V-5,08-XX	1378279		49.56	
	20	DD32H 2,2/20-V-5,08-XX	1378280		59.72	
	XX	6	DD32H 2,2/ 6-V-5,08-YY	1378308	YY	24.16
		10	DD32H 2,2/10-V-5,08-YY	1378309		34.32
		12	DD32H 2,2/12-V-5,08-YY	1378310		39.4
		XY	6	DD32H 2,2/ 6-V-5,08-XY		1378217
	8		DD32H 2,2/ 8-V-5,08-XY	1378216	29.24	
	10		DD32H 2,2/10-V-5,08-XY	1378215	34.32	
	12		DD32H 2,2/12-V-5,08-XY	1378214	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		57.23	
	20	DD32H 2,2/20-PT-5,08-XX	1376503		78.23	
	XX	6	DD32H 2,2/ 6-PT-5,08-YY	1378311	YY	41.23
		12	DD32H 2,2/12-PT-5,08-YY	1378312		57.23
	XY	6	DD32H 2,2/ 6-PT-5,08-XY	1378212	XY	41.23
		12	DD32H 2,2/12-PT-5,08-XY	1378210		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		43.43	
	YY	6	DD32H 2,2/ 6-FH-5,08-YY	1378313	YY	27.43
		12	DD32H 2,2/12-FH-5,08-YY	1378314		43.43
	XY	6	DD32H 2,2/ 6-FH-5,08-XY	1378208	XY	27.43
		12	DD32H 2,2/12-FH-5,08-XY	1378191		39.4

Product overview

Crimp contacts for D32 and DD32						
	Type	Item no.	Category	AWG	Conductor cross-section [mm ²]	Contact connection type
	D3PC-MP 0.08-0.20-F-SN-L	1340359	S	28 ... 24	0.08 ... 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 ... 2.20	Bulk goods
	D3PC-MP 1.25-2.2L-F-SN-L	1340366	3L	16 ... 14	1.25 ... 2.20	Bulk goods
	D3PC-MP 0,08-0,20-F-SN-R	1340671	S	28 ... 24	0.08 ... 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 ... 2.20	Taped contacts
	D3PC-MP 1,25-2,2L-F-SN-R	1340892	3L	16 ... 14	1.25 ... 2.20	Taped contacts
	D3HC-MP 0.08-0.20-M-SN-L	1340367	S	28 ... 24	0.08 ... 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 ... 2.20	Bulk goods
	D3HC-MP 1.25-2.2L-M-SN-L	1340372	3L	16 ... 14	1.25 ... 2.20	Bulk goods
	D3HC-MP 0,08-0,20-M-SN-R	1340893	S	28 ... 24	0.08 ... 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 ... 2.20	Taped contacts
	D3HC-MP 1,25-2,2L-M-SN-R	1340899	3L	16 ... 14	1.25 ... 2.20	Taped contacts

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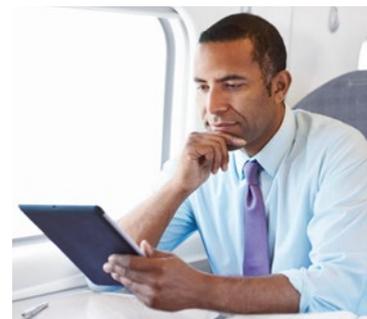
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