



New products 2015/2016

Connectors and electronics housings

New products for 2015/2016 – Connectors and electronics housings for your devices

As a leading manufacturer of connectors and housing systems, we always work to turn the growing requirements of your industrial and infrastructure applications into new innovations.

Discover our many new products for 2015/2016 for transmitting signals, data, and power and take advantage of our professional service.



Find out more with the web code

In every product table you will find a combination of numbers. These enable you to access the product information even faster.

It couldn't be simpler:

1. Go to the Phoenix Contact website
2. Enter # and the web code in the search field
3. Get more information and product versions

Or use the direct link:

phoenixcontact.net/webcode/#1234



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Universal housing system with integrated connection technology

The EH housing system makes it quite easy to design universal device applications. Seven overall widths, two heights, and three cover versions offer over 100 possible combinations. A wide variety of different PCB connection technology can be integrated conveniently here.






Your advantages

- ✓ Easy design-in through variable housing shape factors
- ✓ Full flexibility through PCB installation in all directions in space
- ✓ Integration of a wide variety of PCB connection technology for a functional device design
- ✓ Efficient pricing through targeted material selection

Main features

- 2 heights
- 7 overall widths
- 3 cover versions
- Integrated marking field
- DIN rail or wall mounting
- Tool-free latching
- Material version: ABS
- Flammability rating: HB

New product 2015				
i Web code: #0196				
				
Description	Lower housing part for tall design	Housing cover for tall design	Lower housing part for flat design	Housing cover for flat design
Designation	EH 22,5-B/ABS	EH 22,5-C DS/ABS	EH 52,5 F-B/ABS	EH 52,5 F-C CS/ABS
Color Order No.	Light gray 2201248	Light gray 2201251	Light gray 2201816	Light gray 2201835
Color Order No.	Black 2201249	Black 2201254	Black 2201817	Black 2201834

Modular upper housing parts from the BC series for individual device concepts

With the new modular upper parts from the BC series you can divide both the installation space for the PCB connection technology and the PCB assembly space according to requirements. Flexible device designs can be implemented thanks to individually configurable segments.






Your advantages

- ✓ Three different side wall arrangements enable flexible PCB layouts
- ✓ All segments can be individually configured
- ✓ Large selection of compatible PCB connection technology
- ✓ Distinctive device designs thanks to customer-specific printing

Main features

- Overall widths: 71.6 mm and 107.6 mm
- Compatible with the existing BC series
- Material: Polycarbonate/V0

New product 2016		
 Web code: #0675		
		
Description	Example configuration: Upper housing part with vents	Example configuration: Upper housing part with vents
Designation	BC 71,6 OT 0121 KMGY	BC 107,6 OT 0121 KMGY
Overall width	71.6 mm	107.6 mm
Order No.	2202302	2202301

Modular electronics housings from the ME-IO series for fieldbus couplers and controllers

The ME-IO electronics housing provides new housing versions and accessories for designing a complete system consisting of controller, bus coupler, and individual I/O modules. Various designs and connection technologies permit highly flexible system solutions.









Your advantages

- ✓ L-type for optimum integration of data connectors such as RJ45 and D-SUB
- ✓ Flexible PCB installation, both vertically and horizontally to the DIN rail
- ✓ 5-pos. DIN rail connector for cross-communication between the modules
- ✓ Swiveling marking cover permits additional marking
- ✓ Integration of push-in connectors on the front

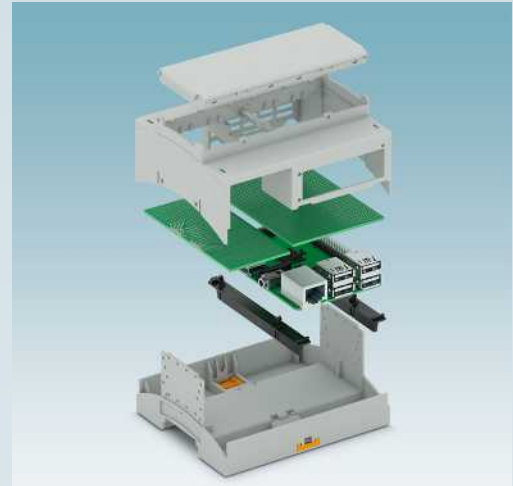
Main features

- Overall widths: 18.8 mm, 37.6 mm, and 75.2 mm
- Depth: 77 mm
- Height: 124 mm
- Connection technology with a 5 mm and 3.5 mm pitch can be combined
- ME-IO 18,8 form factor
- Housing color: light gray (RAL 7035)

New product 2016						
i Web code: #308						
						
Description	L-type lower part	Cover for L-type	Lower part in tall design	Cover	Marking cover	Cover insert
Designation	ME-IO ... LB 10U TBUS 7035	ME-IO 18,8 LC ... U 7035	ME-IO ... B 10U TBUS 7035	ME-IO ... C 10U 7035	ME-IO 18,8 MC 8U TRANS	ME-IO 18,8 C 2U MC ... 7035
Version/ Order No.	Overall width 37.6 mm/ 2202618	Cover for 8U/ 2202622	Overall width 37.6 mm/ 2202663	Overall width 37.6 mm/ 2202665	Cover for 8U/ 2202627	Cover with 2+8 holes/ 2202582
Version/ Order No.	Overall width 72.5 mm/ 2202620	Cover for 10U/ 2202626	Overall width 72.5 mm/ 2202664	Overall width 56.4 mm/ 2202662	Marking strips/ 0804286	Cover with 2+16 holes/ 2202581

Specific DIN rail housing for Raspberry Pi computers

The new RPI-BC DIN rail housing is designed to accommodate Raspberry Pi computers. In addition to the Raspberry Pi boards, other PCBs can be accommodated inside the housing in order to integrate further components and circuits.








Your advantages

- ✓ Tool-free mounting
- ✓ Plenty of space for additional circuits on matrix or additional boards
- ✓ GPIO strip can be used with PTSM series connection technology
- ✓ Easy module-to-module connection with bus connection via DIN rails

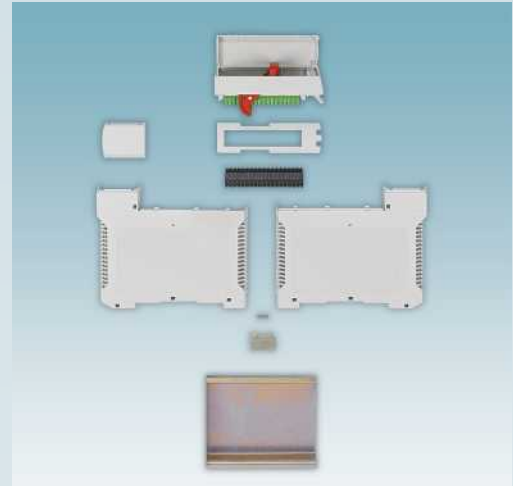
Main features

- Alignable on the DIN rail
- Overall width: 107.6 mm
- Dimensions according to DIN 43880
- Compatible with Raspberry Pi A+, B+, B3
- Wall and DIN-rail-mountable
- Can be used with HBUS and BC development kits

New product 2016				
 Web code: #0664				
				
Description	Housing set	RPI-BC upper part with PCB holder	A+ adapter for using the RPI A+	HBUS 107,6 without pin strip
Designation	RPI-BC 107,6 DEV-KIT KMGY	RPI-BC 107,6 DEV-KIT KMGY P10	RPI-BC A+-ADAPTER ATGY	HBUS 107,6-16P-1S BK P1
Version	Set	Individual part	-	-
Order No.	2202874	2202875	2202906	2896306
Unit pack	1	1	1	1

Development kits for individual electronics ideas

With the new development kits, THT PCB components such as diodes, fuses or resistors can be mounted quickly and easily on the DIN rail. Thanks to the integrated connection technology and optional bus connector the modules can be connected easily to one another.



Your advantages

- ✓ Easy, tool-free mounting of the development kits
- ✓ Plenty of space for circuits on optional matrix boards
- ✓ Customized combination of housing and connection technology
- ✓ DIN rail connector for easy connection of the modules

Main features

- Different housing sizes
- Bus system with 5 or 16 positions
- Connection technology with up to 36 positions

New product 2016

i Web code: #0679



Description	Electronics housings					
Designation	ME-IO 18,8 DEV-KIT KMGY	EH 45 FLAT DEV-KIT KMGY	BC 107,6 DEV-KIT KMGY	ME MAX 22,5 2-2 DEV-KIT KMGY	ME-PLC 40 DEV-KIT KMGY	UM-BASIC 108 100MM DEV-KIT KMGY
Order No. for set	2202527	2202529	2202525	2202524	2202526	2202528
Order No. for PCB	2202548	2202552	2202544	2202542	2202542	2202551
Order No. for bus connector	2202549		2202545	2202543		

Light guides for electronics housings

The HS LC light guides for EH, ME, ME-MAX, ME-PLC, ME-IO, and BC electronics housing are available in a variety of versions.




Your advantages

- ✓ Light guides are perfectly matched to electronics housings
- ✓ Easy mounting on the PCB using press pins
- ✓ Resistance to ESD
- ✓ Housing processing available on customer request

Main features

- Horizontal and vertical versions
- 1 to 40x displays
- Cross sections of the round displays: 2 mm or 3 mm
- Dimensions of the rectangular display: 5 mm x 2 mm
- Compatible with EH, ME, ME-MAX, ME-PLC, ME-IO, and BC

New product 2015						
 Web code: #0199						
						
Description	Light guide for housing	Light guide for housing	Light guide for housing	Light guide for housing	Light guide for housing	Light guide for housing
Alignment	Vertical	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
Version Order No.	2 displays 2202311	1 display 2202313	1 display 2202314	1 display 2202315	2 x 1 display 2202316	4 x 2 displays 2202320
Version Order No.	3 displays 2202312	-	-	-	2 x 2 displays 2202317	4 x 5 displays 2202321
Version Order No.	-	-	-	-	2 x 5 displays 2202318	4 x 9 displays 2202322
Version Order No.	-	-	-	-	2 x 10 displays 2202319	4 x 10 displays 2202323

PCB connectors for ME and ME-MAX electronics housings

The fast push-in spring connection is now available for the ME and ME-MAX housing systems. Tool-free and touch-proof control cabinet wiring is now possible even in tricky installation situations with PSPT 2,5 connectors.



Push-in Technology

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Your advantages

- ✓ Tool-free wiring thanks to fast push-in spring connection
- ✓ Touch-proof in conjunction with the orthogonal MSTBO 2,5 ... G1P headers
- ✓ Ergonomic operation at 90° to the conductor connection direction
- ✓ Integrated test point (1 mm Ø test plug)

Main features

- Currents: up to 16 A (10 A UL/CUL)
- Voltages: up to 250 V
- Conductor cross sections: 0.2 mm² ... 2.5 mm²
- Pitch: 5.0 mm
- 2-, 3-, and 4-pos.
- Test point below orange lever

New product 2016

i Web code: #0665



Description	PCB connectors			Header		
Designation	PSPT 2,5/ 2-ST KMGY	PSPT 2,5/ 3-ST KMGY	PSPT 2,5/ 4-ST KMGY	MSTBO 2,5/ 2-G1PL(R)	MSTBO 2,5/ 3-G1PL(R)	MSTBO 2,5/ 4-G1PL(R)
Number of positions	2	3	4	2	3	4
Order No.	2202346	2202345	2202344	-	-	-
Order No. Left-hand housing side	-	-	-	2200330	2200328	2200325
Order No. Right-hand housing side	-	-	-	2200331	2200329	2200326

Compact connectors for flexible LED PCBs

The new PTF series of direct connectors can be used to connect your flexible LED printed-circuit boards quickly and conveniently. Their small size allows you to connect printed-circuit boards in narrow linear profiles as well.



Your advantages

- ✓ Easy connection of the PCB saves time
- ✓ The small size lets you make the connection even in applications where space is limited
- ✓ The tight fit and high current carrying capacity create a safe connection
- ✓ Two and four-position versions for various LED applications

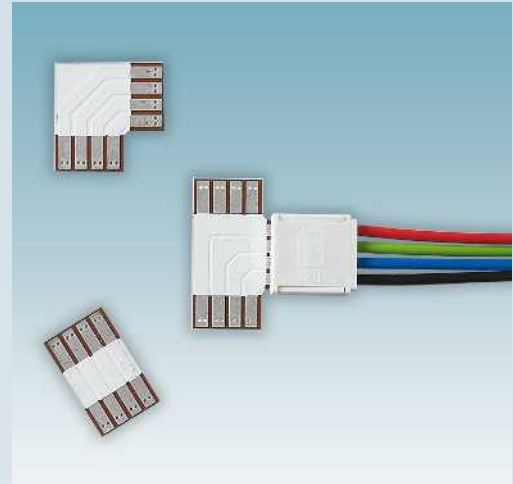
Main features

- Currents: up to 10 A per connector (total current)
- Voltages: up to 24 V (60 V UL)
- For 8 mm and 10 mm-wide LED strips
- According to IEC 60838-2-2

<p>New product 2015</p> <p>i Web code: #0166</p>						
Description	Supply element				Butt connector	
Designation	PTF 0,3/ 2-WB-8-H	PTF 0,3/ 4-WB-8-H	PTF 0,3/ 2-WB-10-H	PTF 0,3/ 4-WB-10-H	PTF 0,3/ 4-BB-8-H	PTF 0,3/ 4-BB-10-H
Number of positions	2	4	2	4	4	4
PCB width	8 mm	8 mm	10 mm	10 mm	8 mm	10 mm
Order No.	1707558	1707561	1707562	1707565	1707559	1707563

PCB connectors for flexible LED PCBs

With the new flexible PCB connection elements for the PTF connector system you can implement complex arrangements of flexible LED printed-circuit boards quickly, easily, and safely. The elements can be used as an extension, as a corner connection or as a T-distributor.






Your advantages

- Easy connection of flexible LED printed-circuit boards
- Minimal heating during operation
- UL-approved materials

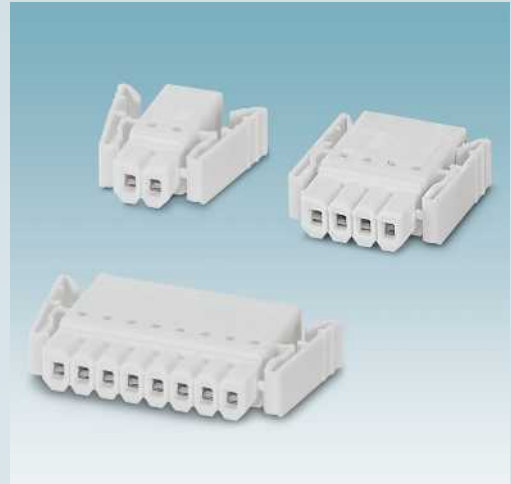
Main features

- Currents: up to 10 A per element (total current)
- Voltages: up to 24 V
- Suitable for two and four-position applications
- Variants for 8 mm and 10 mm-wide LED strips

New product 2016			
i Web code: #0660			
			
Description	PCB as an extension	PCB as a corner connector	PCB as a T-connector
Designation	PTF 0,3/ 4-Flex-I...	PTF 0,3/ 4-Flex L...	PTF 0,3/ 4-Flex T...
Order No. (8 mm)	1848477	1848480	1848493
Order No. (10 mm)	1848503	1848516	1848529

Miniature PCB connectors with positive latches on the side

The new PTSM 0,5/... PL PCB connector with positive latches on the side enables stable latching with the counterpart. In combination with the new inverted PCB connectors, particularly compact solutions can be created for wire-to-wire connections.



Push-in Technology




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Your advantages

- ✓ Easy connection of the conductors thanks to fast push-in spring connection
- ✓ High current carrying capacity of 6 A with very compact dimensions
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Convenient operation of the positive latches on the side

Main features

- Currents: up to 6 A
- Voltages: up to 320 V
- Conductor cross sections: 0.14 mm² ... 0.5 mm²
- 2 to 8-pos.
- Pitch: 2.5 mm
- High-quality PA material in white

New product 2016 i Web code: #0662			
Description	PCB connector with positive latches		
Designation	PTSM 0,5/ 2-PL-2,5 WH	PTSM 0,5/ 4-PL-2,5 WH	PTSM 0,5/ 8-PL-2,5 WH
No. of pos. (example)	2	4	8
Order No.	1709457	1709460	1709465

Inverted PCB connector for compact applications

With the new inverted PCB connectors from the PTSM series wire-to-wire connections are now possible as well as wire-to-board connections. The small design and high current carrying capacity make the connection system an ideal connection solution for the power supply.



Push-in Technology





Designed by PHOENIX CONTACT

Your advantages

- ✓ Easy connection of the conductors thanks to fast push-in spring connection
- ✓ High current carrying capacity of 6 A with very compact dimensions
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Wire-to-wire and wire-to-board connections possible

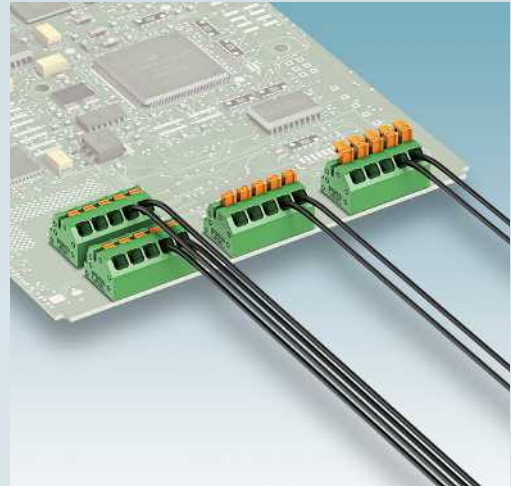
Main features

- Currents: up to 6 A
- Voltages: up to 320 V
- Conductor cross sections: 0.14 mm² ... 0.5 mm²
- 2 to 8-pos.
- Pitch: 2.5 mm
- High-quality PA material in white

New product 2016			
 Web code: #0661			
			
Description	Inverted PCB connector		
Designation	PTSM 0,5/ 2-PI-2,5 WH	PTSM 0,5/ 4-PI-2,5 WH	PTSM 0,5/ 8-PI-2,5 WH
No. of pos. (example)	2	4	8
Order No.	1709450	1709452	1709456

Angled PCB terminal block for very flat modules

The new angled SPTAF 1 PCB terminal block comes with a cable connection funnel angled by 45° for convenient conductor connection. Despite its flat design height of only eight millimeters, AWG 16 conductors can be connected reliably. Three different lever versions allow for convenient and user-friendly handling.



Push-in Technology




Designed by PHOENIX CONTACT

Your advantages

- ✓ Easy connection of the conductors thanks to fast push-in spring connection
- ✓ Low height of just 8 mm for extremely flat modules
- ✓ Angled connection direction for optimum conductor access
- ✓ Three lever versions for ergonomic actuation

Main features

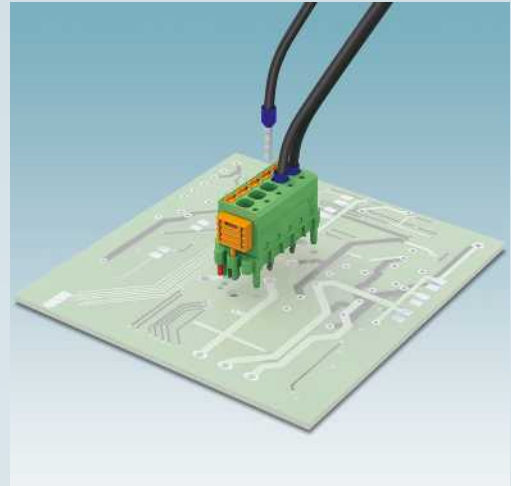
- Currents: up to 16 A
- Voltages: up to 160 V with a pitch of 3.5 mm
- Voltages: up to 320 V with a pitch of 5.0 mm
- 2 to 16-pos.
- Pitch: 3.5 mm and 5.0 mm
- Conductor cross section: 0.2 mm² ... 1.5 mm²

New product 2016			
i Web code: #0666			
			
Description	PCB terminal block		
Designation	SPTAF/... IL	SPTAF/... EL	SPTAF/... LL
Lever version	Recessed	Raised	Locking lever
Number of positions*	2	2	2
3.5 mm pitch Order No.	1861933	1862042	1864286
5 mm pitch Order No.	1862275	1862411	1864435

* Other numbers of positions available on our website at phoenixcontact.com

PCB connectors with new SKEDD direct plug-in technology

The SDC 2,5 PCB connectors can be connected directly to the PCB via through-contacted bore holes thanks to the new SKEDD direct plug-in technology. This is possible without tools or an additional header.



Push-in Technology



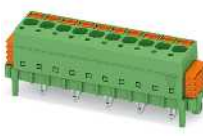
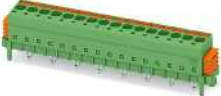
Designed by PHOENIX CONTACT

Your advantages

- ✓ Easy handling thanks to tool-free connection to the PCB
- ✓ Smaller number of components and processes reduces production effort
- ✓ Vibration-proof connection thanks to locking with body-bound rivets
- ✓ User-friendly conductor connection thanks to push-in spring connection with spring opener

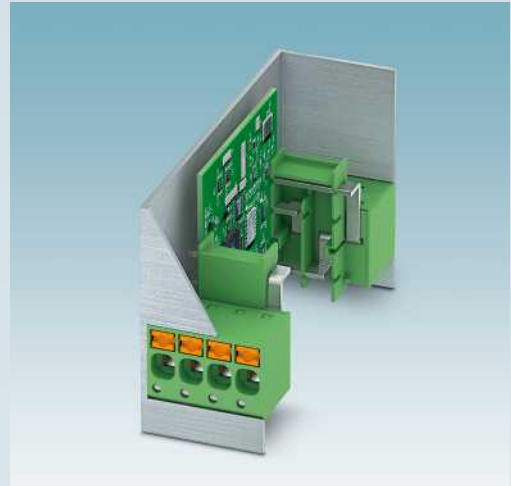
Main features

- Currents: up to 12 A
- Voltages: up to 320 V (300 V UL)
- Conductor cross sections: 0.2 mm² ... 2.5 mm²
- Pitch: 5.0 mm
- 1 to 16-pos.

New product 2016				
i Web code: #0671				
				
Description	PCB connectors			
Designation	SDC 2,5/ 1-PV-5,0-ZB	SDC 2,5/ 5-PV-5,0-ZB	SDC 2,5/ 10-PV-5,0-ZB	SDC 2,5/ 16-PV-5,0-ZB
Number of positions	1	5	10	16
Order No.	1864024	1864066	1864118	1864176

Orthogonal PCB terminal block with push-in spring connection

The FKDSO 2,5/ -L1 and -R1 PCB terminal blocks allow for an orthogonal alignment with the PCB. This means that they are particularly suitable for DIN-rail-mounted devices. Thanks to left and right-angled versions the conductor exit can be flexibly integrated into individual device designs.



Push-in Technology





Designed by PHOENIX CONTACT

Your advantages

- ✓ Orthogonal alignment of the terminal block with the PCB for optimum accessibility in DIN-rail-mounted devices
- ✓ Tool-free, time-saving push-in spring connection
- ✓ Intuitive operation thanks to color-coded push button

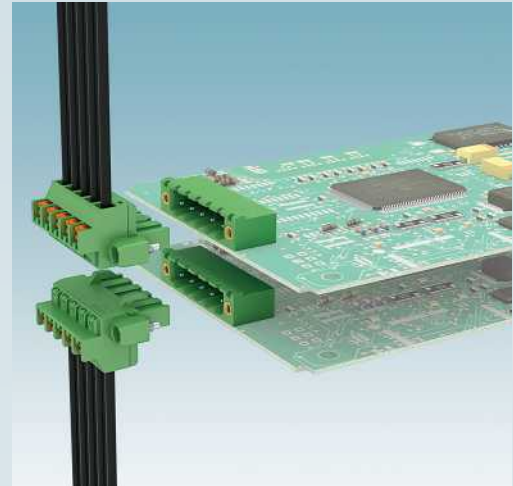
Main features

- Currents: up to 20 A
- Voltages: up to 320 V
- Conductor cross sections: 0.2 mm² ... 2.5 mm²
- 1 to 4-pos.
- Pitch: 5 mm

New product 2016				
i Web code: #0678				
				
Description	PCB terminal block			
Designation	FKDSO 2,5/ 1-L1	FKDSO 2,5/ 4-L1	FKDSO 2,5/ 1-R1 CBK	FKDSO 2,5/ 4-R1
Version	Left	Left	Right	Right
Number of positions	1	4	1	4
Order No.	1857824	1857837	1857853	1857866

Vertical PCB connector with push-in spring connection

With the new FKCOR/W PCB connectors you can connect conductors orthogonally to the plug-in direction. The spring opener on the top enables the clamping space to be opened easily. These properties make the connectors ideal for devices that are mounted on the DIN rail.



Push-in Technology





Designed by PHOENIX CONTACT

Your advantages

- ✓ Easy connection of the conductors thanks to fast push-in spring connection
- ✓ Available with screw flange and Lock and Release system
- ✓ Conductor connection orthogonal to the plug-in direction for optimum accessibility
- ✓ Space-saving: R and W versions enable use in double-level headers

Main features

- Currents: up to 12 A
- Voltages: up to 320 V
- Pitch: 5.08 mm
- 2 to 24-pos.
- Test point
- R and W versions
- Conductor cross sections: 0.2 mm² ... 2.5 mm²

New product 2016				
 Web code: #0670				
				
Description		PCB connectors		
Designation	FKCOR 2,5/ 5-ST-5,08	FKCOR 2,5/ 5-STF-5,08	FKCOR 2,5/ 5-ST-5,08-LR	
Type of latching	-	Screw flange	Lock and Release	
No. of pos. (example)	5	5	5	
Order No.	1861263	1861496	1861726	

High-current PCB terminal block for power electronics up to 192 A

You can use the MKDSP 50 PCB terminal block, which can be wave soldered, to transmit up to 192 A directly onto the PCB. As such, you simply connect the conductor to a cross section of up to 70 mm² using a commercially available Torx screwdriver.







Your advantages

- ✓ Less mounting effort thanks to wave soldering capabilities
- ✓ High degree of connection convenience thanks to tried-and-tested screw connection with tension sleeve
- ✓ Easy connection using a standard Torx screwdriver
- ✓ Flexible use for conductors with or without ferrule

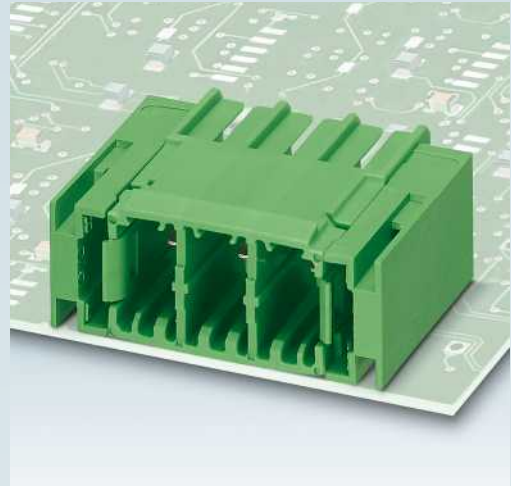
Main features

- Currents: up to 192 A
- Voltages: up to 1000 V (600 V UL)
- Pitch: 17.50 mm
- Conductor cross sections: 1.5 mm² to 70 mm²:
- 1 to 5-pos. (with flange)
- 2 to 5-pos. (without flange)
- Integrated test point

New product 2015			
 Web code: #0178			
			
Description	PCB terminal block 1-pos.	PCB terminal block 3-pos.	PCB terminal block 5-pos.
Designation	MKDSP 50/ 1-17,5-FL	MKDSP 50/ 3-17,5(-F)	MKDSP 50/ 5-17,5(-F)
Order No. without flange	-	1856139	1856155
Order No. with flange	1856168	1856184	1856207

Robust header with solder anchor for PC 5 PCB connectors

Thanks to the additional solder anchor the new PC 5 headers provide even more stability on the PCB. The header is suitable for all connectors from the PC 5 series with or without Click and Lock locking.






Your advantages

- ✓ Maximum stability on the PCB thanks to solder anchors
- ✓ Safe handling since it is not possible to incorrectly insert the connector

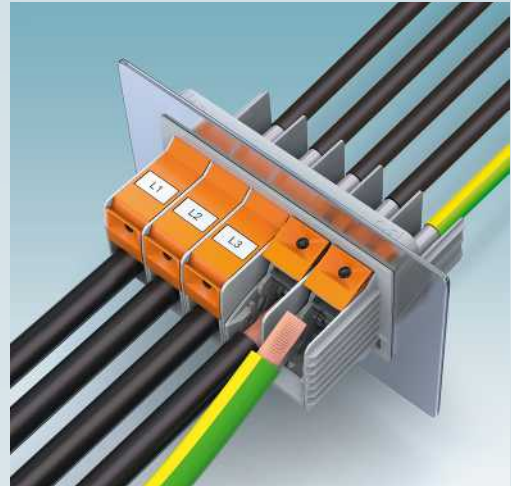
Main features

- Currents: up to 41 A
- Voltages: up to 630 V (300 V UL)
- 2 to 6-pos.
- Pitch: 7.62 mm
- With solder anchor

New product 2016 ⓘ Web code: #0668			
Description	Header		
Designation	PC 5/ 3-GSF-7,62	PC 5/ 4-GSF-7,62	PC 5/ 5-GSF-7,62
Number of positions	3	4	5
Order No.	1707924	1707925	1711655

TW 50 high-current feed-through terminal block with new T-LOX connection technology

The TW 50 series panel feed-through terminal blocks provide a reliable and convenient conductor connection with the new T-LOX connection technology. Here, the terminal block is attached to the housing using a reversible wedge that can be operated without tools.



T-Lox Technology





Designed by PHOENIX CONTACT

Your advantages

- ✓ Reliable conductor contacting thanks to programmed contact force
- ✓ Fast and convenient conductor entry from above
- ✓ User-friendly operating forces for the conductor connection
- ✓ Quick, tool-free attachment to the housing wall

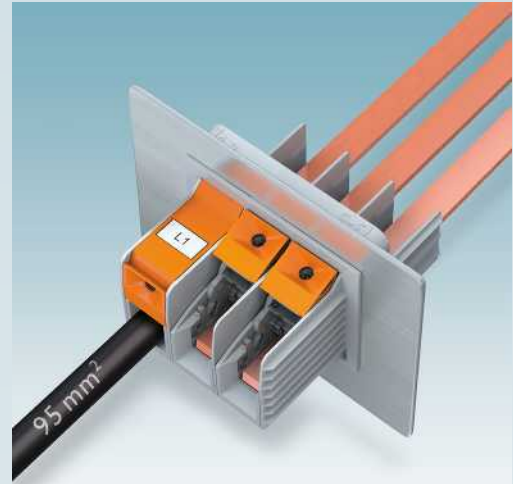
Main features

- Currents: up to 150 A
- Voltages: up to 1000 V (600 V UL)
- Conductor cross sections: 16 mm² ... 50 mm²
- 1 to 6-pos.
- Wall thicknesses: 1 mm ... 5 mm

New product 2015			
 Web code: #0175			
			
Description	Panel feed-through terminal block	Panel feed-through terminal block	Panel feed-through terminal block
Designation	TW 50/ 1-CL	TW 50/ 3-CL	TW 50/ 5-CL
Number of positions	1	3	5
Order No.	1708744	1708746	1708749

TW 95 high-current feed-through terminal block with new T-LOX connection technology

With the new T-LOX connection technology, the TW 95 panel feed-through terminal blocks enable reliable and convenient conductor connection for conductor cross sections of 25 to 95 mm². The terminal block is attached to the housing using a reversible wedge that can be operated without tools.



T-LOX Technology

Designed by PHOENIX CONTACT

Your advantages

- ✓ Reliable conductor contacting thanks to programmed contact force
- ✓ Fast and convenient conductor entry from above
- ✓ User-friendly operating forces for the conductor connection
- ✓ Quick, tool-free attachment to the housing wall

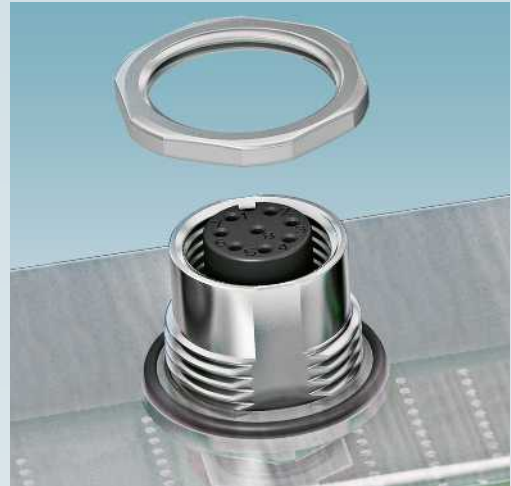
Main features

- Currents: up to 232 A
- Voltages: up to 1000 V (600 V UL)
- Conductor cross sections: 25 mm² ... 95 mm²
- 1 to 6-pos.
- Wall thicknesses: 1 mm ... 5 mm

New product 2016			
i Web code: #0667			
Description	Panel feed-through terminal blocks		
Designation	TW 95/ 1-CL	TW 95/ 3-CL	TW 95/ 5-CL
No. of pos. (example)	1	3	5
Order No.	1708752	1708754	1708756

M8/M12 housing screw connection for THR and SMD contact carriers

The new M8/M12 housing screw connection system makes it possible to combine two-piece M8 and M12 connectors for reflow processes. Rear mounting ensures defined positioning of the printed-circuit board in relation to the device housing.



Your advantages

- ✓ For connectors capable of two-part reflow and wave soldering processes
- ✓ Defined tightening limitation of the seal contour
- ✓ M12 locking in SPEEDCON and standard locking
- ✓ M8 locking in screw and snap version
- ✓ Enables mounting processes with tolerance compensation

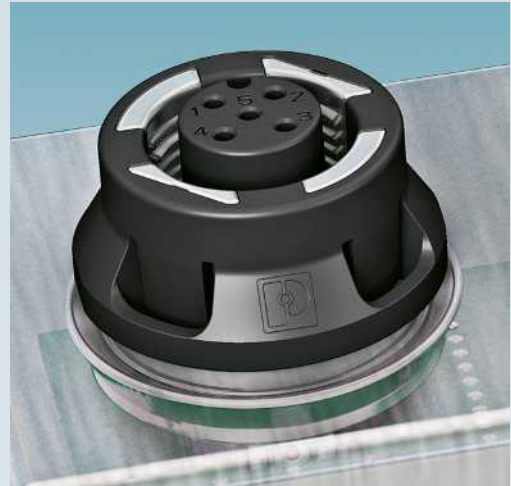
Main features

- For combining two-piece M8 SMD and M12 THR/SMD connectors
- 6 mm front plate distance from the printed-circuit board
- Easy assembly through hexagon outline on the housing
- Standard or fast locking system

New product 2015								
i Web code: #0191								
Description	Housing screw connection, rear mounting, for two-piece THR and wave soldering contact carriers				Housing screw connection, rear mounting, for two-piece SMD contact carriers			
Locking type	Standard		SPEEDCON		Standard		SPEEDCON	
Type of contact	Pin	Socket	Pin	Socket	Pin	Socket	Pin	Socket
M12 Order No.	1413997	1414004	1413999	1414020	1414000	1414021	1414002	1414023
M8 Order No.	-	-	-	-	1412505	1412506	-	-

Tolerance-compensating M12 screw connection for THR contact carriers

The new M12 housing screw connection compensates for process-related production tolerances for two-piece device ports. Compensation is provided by means of a unique, floating snap-on mounting in the housing mechanics.



Your advantages

- ✓ Tolerance-compensating M12 technology
- ✓ Prevents force being applied to soldering spots
- ✓ Easy installation thanks to tool-free mounting
- ✓ Safe mounting thanks to tightening limitation

Main features

- Easy mounting with latching
- For M12 THR socket contact carriers
- Tolerance-compensating function between PCB and housing
- Prevents force being applied to the soldering spots
- Port sealing without protective cap
- For two-piece, reflow, and wave-solderable connectors

New product 2015

i Web code: #0192



Description	M12 THR screw connection	M12 THR screw connection	M12 THR screw connection	M12 THR screw connection
Wall thickness	1.0 mm ... 1.8 mm	1.7 mm ... 2.5 mm	2.4 mm ... 3.2 mm	3.1 mm ... 3.9 mm
Contact carrier	Socket	Socket	Socket	Socket
Order No.	1414231	1414232	1414233	1414234

Tolerance-compensating M12 housing screw connection for SMD contact carriers

The new M12 VARIOPORT housing screw connection compensates for process-related production tolerances for two-piece device ports. Compensation is provided by means of a unique, floating snap-on mounting in the housing mechanics.



Your advantages

- ✓ Tolerance-compensating M12 technology prevents force being applied to SMD soldering spots
- ✓ Easy installation thanks to tool-free mounting
- ✓ Economical housing integration thanks to simple design-in outline

Main features

- For two-piece M12 SMD socket contact carriers
- Automatic tolerance compensation between PCB and housing
- Optional port sealing without protective cap

New product 2016				
i Web code: #0215				
Description	M12 housing screw connection for SMD contact carriers			
Housing wall thickness	0.9 mm ... 1.6 mm	1.6 mm ... 2.3 mm	2.3 mm ... 3.0 mm	
Threaded sleeve Order No.	1419569	1419570	1419571	
Colored fixing sleeve (can be used with any threaded sleeve)	Black	Water blue	Green	Violet
Order No.	1419568	1419565	1419566	1419567

M12 circular connectors and distributors for data and signal transmission

With the M12 connectors for assembly you can connect shielded data and signal lines quickly and safely. The Y-distributor enables the easy integration of hybrid M12 interfaces into existing systems.






Your advantages

- ✓ Reliable connection of shielded cables
- ✓ Time savings of up to 80% with QUICKON fast connection technology
- ✓ Convenient connection with standard tools
- ✓ Easy integration of devices with Y-coded M12 interface
- ✓ One M12 interface for data and power: Power with Ethernet (PWE)

Main features

- QUICKON fast connection technology (IDC)
- 360° shielded housing
- SPEEDCON fast locking system

New product 2016					
i Web code: #0589					
Description	X-coded connector		A-coded connector		Y-coded Y-distributor
Application	Ethernet	PROFINET	Ethernet	Signal	Ethernet (PWE)
Transmission speed	10 Gbps		1 Gbps	-	100 Mbps
Number of positions	8		8		4+4
Conductor cross section [AWG/mm²]	26 ... 22 0.14 ... 0.34	24 ... 20 0.25 ... 0.5	26 ... 22 0.14 ... 0.34	26 ... 20 0.14 ... 0.5	-
Connector Order No.	-	-	1421679	1414610	1410630
Socket Order No.	1414586	1414587	1421680	1414611	-

D-SUB contact carrier for individual applications

The new D-SUB contact carriers extend the existing product portfolio and provide solutions for individual areas of application, from the standard contact insert to 44-pos. high density contact inserts right through to hybrid contact inserts for signal and power transmission.









Your advantages

- ✓ UL-approved contact inserts
- ✓ Individual layouts for data, signal, and power transmission
- ✓ Different thread types for attachment to the sleeve housing or device wall
- ✓ Various connection methods for every application

Main features

- 9 to 44-pos.
- Standard, HD or hybrid contact inserts
- Turned crimp contacts for AWG 28 - 18 crimp connectors
- Solder pin, solder cup or flat-ribbon cable connection
- Designs: D-SUB 9, D-SUB 15, D-SUB 25

New product 2016										
 Web code: #0676										
										
Description	Standard contact insert		High density contact insert		Standard contact insert		Hybrid contact insert		Crimp contacts	
Number of positions	9		15		9		10 x signal 1 x power		1	
Connection method	Solder pin		Solder pin		Flat-ribbon cable		Solder pin, solder cup		Crimp	
Type of contact	Pin	Socket	Pin	Socket	Pin	Socket	Pin	Socket	Pin	Socket
Order No.	1418717	1418726	1418731	1418736	1418739	1418742	1418755	1418759	1418784	1418787

Robust sleeve housings for D-SUB contact carriers

The new, robust D-SUB sleeve housings extend the tried-and-tested product portfolio for the transmission of signals, data, and power. The full metal or plastic versions with metal alloy provide optimum connection solutions for harsh ambient conditions.



Your advantages

- ✓ Plastic and anti-magnetic full metal sleeve housings for more stringent environmental requirements
- ✓ Easy to mount thanks to catch spring system and pre-assembled locking screws
- ✓ Angled cable outlet with strain relief
- ✓ Particularly suitable for D-SUB connectors with special contacts thanks to large interior

Main features

- Full metal housing: zinc die-cast galvanized
- Plastic housing: PC+ABS according to UL94V-0
- Designs: D-SUB 9, D-SUB 15, D-SUB 25
- Degree of protection: IP20

New product 2016									
i Web code: #0677									
Description	Full metal sleeve housing		Full metal sleeve housing		Metal alloy sleeve housing		Metal alloy sleeve housing		
Type of locking	Fast locking system		Screw		Fast locking system		Screw		
Cable outlet	Straight	Angled	Straight	Angled	Straight	Angled	Straight	Angled	
D-SUB 9 design Order No.	1419746	1419754	1419722	1419723	1419729	-	1419705	1419706	
D-SUB 15 design Order No.	1419756	1419757	1419724	1419725	1419731	1419732	1419710	1419718	
D-SUB 25 design Order No.	1419758	1419759	1419727	1419728	1419736	1419741	1419719	1419721	

RJ45 socket modules suitable for industrial use for data transmission

The new, robust cable connection and coupler modules guarantee fast and safe data transmission in a space-saving design. The versions for Freenet and Keystone can be integrated into existing panel mounting frames or mounted directly on the DIN rail.



Your advantages

- ✓ Robust zinc die-cast housing
- ✓ Compact design suitable for industrial use
- ✓ Versatile applications thanks to Freenet and Keystone integration

Main features

- CAT6_A cable connection modules with IDC connection technology
- Suitable for 10GBASE-T applications according to IEEE 802.3™ Section Four
- Halogen-free and heavy-metal-free according to EU Directive RoHS 2
- Connection cross section AWG 26 ... 24 (solid, stranded)

New product 2016

i Web code: #0672

Description	RJ45 cable connection module	RJ45 coupler module	DIN rail module with integrated RJ45 cable connection	DIN rail module with integrated RJ45 coupler module
Transmission category	CAT6 _A	CAT6	CAT6 _A	CAT6
Version	Adapter-free, Freenet, Keystone	For Freenet	For DIN rails	For DIN rails
Order No. Adapter-free	1417274	-	1419024	1418094
Order No. Freenet	1418984	1419022	-	-
Order No. Keystone	1419021	-	-	-

Zipcord patch cables with OM1 fiber

Thanks to extensive testing, the new OM1 zipcord patch cables achieve an optimum level of quality. Various connector combinations and customer-specific cable lengths allow custom solutions to be created for every application.



Your advantages

- ✓ Excellent mechanical and optical transmission properties
- ✓ Different connector combinations (LC duplex, SC duplex, ST, and FSMA) and cable lengths according to customer requirements
- ✓ Comprehensive testing program (including change of climate and torsion) plus extensive interferometer tests in each certification process

Main features

- Fiber category OM1 (62.5/125 μm)
- UPC polishing process IL < 0.3 dB; RL > 35 dB for PC ground connectors
- Fire protection according to UL OFNR and LSZH

New product 2016				
i Web code: #0669				
Description	Zipcord patch cable OM1 (62.5/125 μm)			
Designation	FOC-ST:A-ST:A-GZ04/ ...	FOC-ST:A-LC:A-GZ04/ ...	FOC-FS:A-SC:A-GZ04/ ...	FOC-FS:A-FS:A-GZ04/ ...
Version	ST to ST	LC to ST	SC to FSMA	FSMA to FSMA
Order No.	1413821	1413792	1406536	1406532

Pre-assembled 19" splice boxes for control cabinets and computer centers

The 19" splice boxes, which are pre-assembled and completely ready to splice, with a tray that is pulled out at the front, have a high connection density with up to 24 LC duplex connections per rack unit. High-quality individual components and individual test reports per pigtail meet the highest quality requirements.



Your advantages

- ✓ Tray that can be pulled out at the front
- ✓ Completely pre-assembled, high-quality components
- ✓ Pigtails of different colors, including individual test reports
- ✓ Includes cable glands and 19" fastening kit

Main features

- Made of robust sheet steel
- 12 or 24 ceramic couplings
- 24 or 48 pigtails
- 2 or 4 splice cassettes
- Shrink splice protection for 24 or 48 splices
- 4 or 8 splice combs

New product 2016				
i Web code: #0663				
Description	19" splice box for 12 x LC duplex	19" splice box for 24 x LC duplex	19" splice box for 12 x LC duplex	19" splice box for 24 x LC duplex
Designation	FOC-SB-FR19:1U-LCD12-OM2 GY	FOC-SB-FR19:1U-LCD24-OM2 GY	FOC-SB-FR19:1U-LCD12-OM4 BK	FOC-SB-FR19:1U-LCD24-OM4 BK
Fiber class	OM2	OM2	OM4	OM4
Housing color	Gray	Gray	Black	Black
Order No.	1418815	1418816	1418817	1418818

Robust DC fuse adapters for photovoltaics

The SUNCLIX DC fuse adapter is an easy-to-install protective element for your valuable photovoltaic system. Age-related, early fuse failure does not occur thanks to the optimized thermal behavior.



Your advantages

- ✓ Robust, easy-to-install fuse element for outdoor use
- ✓ Long-term stability thanks to optimized thermal behavior
- ✓ High-quality Littelfuse fuse-link
- ✓ All relevant international approvals including the most recent TÜV test specification

Main features

- Nominal currents of the fuse-link: 6 A to 30 A
- 1000 V/1500 V (EN) or 600 V/1000 V (UL) system voltage
- Degree of protection: IP68 (24 h/2 m)
- SUNCLIX pin connector pattern
- Approval according to 2PfG 2380-2014-02 (TÜV)/UL 4248 (in preparation)

<p>New product 2015</p> <p>i Web code: #0202</p>		
Description	PV fuse plug adapter	PV fuse plug adapter
Designation	PV-C-M/F-PRO/F-1000-20/25/30	PV-C-M/F-PRO/F-1500-20/25/30
I_N (Si insert)	20 A/25 A/30 A	20 A/25 A/30 A
I_R	20 kA	15 kA
Max. system voltage	1000 V (EN), 600 V (UL)	1500 V (EN), 1000 V (UL)
Order No.	1622157/1622158/1622159	1622150/1622151/1622152

Photovoltaic connectors with crimp connection for solar panels and cable assembly

Cable photovoltaic systems easily and reliably with SUNCLIX DC connectors. The version with crimp connection is ideal for mechanical assembly. Thanks to their market-driven design, the connectors are ready for the current and future requirements of all relevant markets.



Your advantages

- ✓ Minimal potential for error thanks to unique SUNCLIX pin connector pattern
- ✓ Permanently safe and reliable DC connector
- ✓ Long-term stability thanks to high-quality materials and components
- ✓ Maximum system efficiency thanks to the tried-and-tested, low-loss SUNCLIX contacts
- ✓ Crimp connection for common industrial manufacturing processes

Main features

- Currents: 30 A nominal current
- Voltages: 1500 V/1000 V (UL)
- Degree of protection: IP68 (24 h/2 m)
- SUNCLIX pin connector pattern
- Crimp connection for machine assembly
- Approval according to DIN EN 50521, UL6703 (in progress)

<p>New product 2016</p> <p>i Web code: #0674</p>						
Description	DC connectors		Contacts for crimp connection			
Designation	PV-CM-C-HSG	PV-CF-C-HSG	PV-FT-CCM(F)- ... -R1000			
Type	Pin (-)	Socket (+)	Pin contact		Socket contact	
Cross section	2.5 mm ² /4 mm ² /6 mm ² AWG 14/12/10		2.5 mm ² / 4 mm ² AWG 14/12	6 mm ² AWG 10	2.5 mm ² / 4 mm ² AWG 14/12	6 mm ² AWG 10
Nominal current	-		30 A			
Order No.	1622662	1622661	1704927	1704928	1704930	1704931

Accessories for E-Mobility

Holders for Vehicle Connectors

The new holders for AC and DC Vehicle Connectors provide optimum protection of the Vehicle Connector during breaks between charging. These so-called parking positions can be installed in various different ways with front or rear mounting.



Your advantages

- ✓ Optimum protection of the Vehicle Connector during breaks between charging thanks to high-quality materials
- ✓ Variable installation depths with front and rear mounting
- ✓ Stable attachment thanks to locking hooks in the plastic housing
- ✓ Versatile applications thanks to variable mounting positions

Main features

- Available for all standards
- Screw attachment positions of the AC versions correspond to those of the Infrastructure Socket Outlet
- Color: black

New product 2016

i Web code: #0602

						
Description	Parking position AC type 1	Parking position CCS type 1	Parking position AC type 2	Parking position CCS type 2	Parking position AC GB/T	Parking position DC GB/T
IP degree of protection	IP24				IP54	
Dimensions W x H x D	75 mm x 75 mm x 37 mm	75 mm x 118 mm x 37 mm	75 mm x 75 mm x 44.7 mm	75 mm x 118 mm x 54 mm	75 mm x 75 mm x 40 mm	91 mm x 91 mm x 41 mm
Hole dimensions W x H	60 mm x 60 mm	60 mm x 103 mm	60 mm x 60 mm	60 mm x 103 mm	60 mm x 60 mm	72 mm x 72 mm
Designation	EV-T1AC-PARK	EV-T1CCS-PARK	EV-T2AC-PARK	EV-T2CCS-PARK	EV-GBAC-PARK	EV-GBDC-PARK-REAR-FASTEN
Order No.	1624139	1624143	1624148	1624153	1624142	1623496

Heavy-duty connectors for outdoor applications

HEAVYCON ADVANCE heavy-duty connectors with screw locking are uncompromisingly robust and sealed to degree of protection IP69K. Thanks to a special powder coating and UV-resistant seals the new outdoor housings are ideal for use under extreme conditions.



Your advantages

- ✓ Ideal for the most stringent environmental requirements and aggressive environments thanks to high degree of protection
- ✓ Cost and space savings thanks to direct mounting without a panel mounting base
- ✓ Robust screw locking prevents the housing from being opened by unauthorized persons
- ✓ Compatible with standard panel cutouts
- ✓ Weather-resistant seal

Main features

- Sizes: B6 ... B24
- Designs: high and low
- Housing material: corrosion-resistant die-cast aluminum with powder coating
- Sealing material: Viton
- Degree of protection: IP66, IP68, IP69K, NEMA 6P
- Temperature range: -40°C ... +125°C
- Screw locking: stainless steel

New product 2016					
i Web code: #0588					
Description	Sleeve housing High	Sleeve housing Low	Sleeve housing High	Sleeve housing High	Panel mounting flange set
Size	B6	B10	B16	B24	-
Cable outlet	Side	Top	Side	Top	-
Designation	HC-ADV-B06-HHWH-1STM25-MF-BK	HC-ADV-B10-HLWH-1STM25-MF-BK	HC-ADV-B16-HHWH-1STM40-MF-BK	HC-ADV-B24-HHWH-1TTM25-MF-BK	HC-B-AF-SET
Order No.	1420898	1420911	1420916	1420925	1604638

Modular inserts for heavy-duty connectors

Safe data transmission

With the HEAVYCON modular contact inserts and the innovative snap-in frame you can create your own custom connector. The new product range includes contact inserts for virtually all data transmission applications: from RJ45 to gigabit right through to fiber optics.



Your advantages

- ✓ Easy integration of RJ45 data cables, also available as pre-assembled patch cables
- ✓ Fast and safe data transfer via gigabit modules with 360° shielding and contacts shielded in pairs
- ✓ Accommodation of fiber optics based on LC or SC technology via contacts from Phoenix Contact
- ✓ Easy assembly of the housings thanks to snap-in frames with catch springs
- ✓ Retaining frame fits into all HEAVYCON STANDARD, EVO, and ADVANCE housings and is compatible with the market standard

Main features of the contact inserts

- 1 module slot per contact insert
- Material: polycarbonate

Main features of the snap-in frames

- Size: B6 ... B24
- Slots: 2 ... 6
- Material: zinc die-cast
- Attachment: catch springs

New product 2016

i Web code: #0584

Description	RJ45 contact insert	Gbit contact insert	FO SC contact insert	FO LC contact insert	D-SUB contact insert	B24 snap-in frame
Application	PROFINET/Ethernet			Data/signals		-
Transmission medium	Copper		Plastic fiber	Fiberglass	Copper	-
Pin designation	HC-M-RJ45-08-M	HC-M-08-GBIT-CT-M	HC-M-04-SCFC-M	HC-M-04-LCFC-M	HC-M-DSUB 09-CT-M	HC-M-B24-MF-H
Pin Order No.	1419887	1417302	1419889	1419891	1417309	1417406
Socket designation	HC-M-RJ45-08-GC-F/F	HC-M-08-GBIT-CT-F	HC-M-04-SCFC-F	HC-M-04-LCFC-F	HC-M-DSUB 09-CT-F	HC-M-B24-MF-B
Socket Order No.	1419886	1417303	1419890	1419892	1417308	1417402

Modular inserts for heavy-duty connectors

Transmit signals, power, and compressed air

Combine the right modules for your application from our wide range of products: HEAVYCON modular comprises contact inserts for signal and power transmission as well as for pneumatic applications. The innovative snap-in frame with stable catch springs facilitates fast mounting.



Push-in Technology

Designed by PHOENIX CONTACT

Your advantages

- ✓ The right connector for every application thanks to an extensive range of contact inserts
- ✓ Highly compact interface thanks to a combination of a wide range of transmission media in a single housing
- ✓ High degree of safety thanks to touch proofness and leading PE contact
- ✓ Easy assembly of the housings thanks to snap-in frames with catch springs
- ✓ Retaining frame fits into all HEAVYCON STANDARD, EVO, and ADVANCE housings and is compatible with the market standard

Main features of the contact inserts

- Material: polycarbonate
- Current: up to 200 A
- Voltage: up to 2500 V
- Signals: up to 25-pos.

Main features of the snap-in frames

- Size: B6 ... B24
- Slots: 2 ... 6
- Material: zinc die-cast
- Attachment: catch springs

New product 2016

i Web code: #0585



Description	Contact insert for power			Contact insert for signals	Contact insert for pneumatics	B24 snap-in frame
Version	Push-in 5-pos.	Axial screw 2-pos.	Crimp 6-pos.	Crimp 17-pos.	3-pos.	-
Current/voltage	16 A/400 V	100 A/1000 V	16 A/830 V	10 A/160 V	-	-
Pin designation	HC-M-05-PT-M	HC-M-02-AT-M-35	HC-M-06P-CT-M	HC-M-17-M-CT-M	HC-M-03-PN-M-F	HC-M-B24-MF-H
Pin Order No.	1417372	1417392	1414368	1414356	1417433	1417406
Socket designation	HC-M-05-PT-F	HC-M-02-AT-F-35	HC-M-06P-CT-F	HC-M-17-M-CT-F	HC-M-03-PN-M-F	HC-M-B24-MF-B
Socket Order No.	1417373	1417390	1414369	1414357	1417433	1417402

Heavy-duty connectors for compact power transmission

The new HEAVYCON D7 housings and contact inserts enable you to transmit power in an extremely compact design. The metal housings discharge electromagnetic interference in combination with an EMC cable gland.



Your advantages







- ✓ Power transmission in a confined space thanks to small design
- ✓ Lightweight metal housings made of corrosion-resistant die-cast aluminum
- ✓ Savings potential thanks to plastic housing with injection-molded cable gland
- ✓ Flexible mounting of the panel mounting base with two or four screws
- ✓ Contact inserts with protection against mismatching thanks to simple coding with plastic profiles

Main features

- Single locking latch with plastic latch
- Seals: NBR, conductive
- Degree of protection: IP66, IP67, NEMA 4X
- Temperature range: -40°C ... +125°C
- For square contact inserts (21 mm x 21 mm)
- Contact inserts with crimp connection or axial screw connection, 2- to 12-pos.

New product 2016

i Web code: #0586

						
Description	Sleeve housing		Panel mounting base		Contact insert	
Material	Die-cast aluminum	Polyamide	Die-cast aluminum	Polyamide	Polycarbonate	
Version	Angled	Straight	Straight	Angled	Crimp connection 7-pos.	Crimp connection 12-pos.
Voltage/current	-		-		400 V/10 A	
Designation	HC-STA-D07- HHFS-1SM20- EL-AL	HC-STA-D07- HHFS-1TGM20- PL-BK	HC-STA-D07- BWS-EL-AL	HC-STA-D07- BAWS-PL-BK	HC-Q07-I-CT- M/F	HC-Q12-I-CT- M/F
Order No.	1419235	1419255	1419249	1419266	1418624/ 1418623	1418626/ 1418625

Heavy-duty connectors for confined spaces

With the HEAVYCON EVO heavy-duty connectors you can choose the cable outlet direction on site with the patented EVO-Lock system. The low sleeve housings in sizes B16 and B24 and a B6 TWIN housing extend the portfolio and enable use even in confined spaces.



Your advantages

- ✓ Flexibility thanks to on-site selection of the cable outlet direction
- ✓ Low storage costs thanks to fewer parts
- ✓ Ideal for confined spaces thanks to the low design plus two flexible cable outlets in one TWIN housing
- ✓ Robust, high-performance plastic with IK09 shock resistance
- ✓ Can be combined with all aluminum housings on the market because it is compatible with the industry standard

Main features

- Sizes: B16 and B24 in a low design
- TWIN housing sizes: B6 ... B24
- Housing material: polyamide
- Sealing material: NBR
- Degree of protection: IP66, NEMA 4X
- Temperature range: -40°C ... +125°C
- Locking: single or double locking latch

New product 2016						
i Web code: #0587						
Description	TWIN sleeve housing	Sleeve housing Low		M25 screw connection	Panel mounting base	
Size	B6	B16	B24	-	B16	B24
Locking	For single locking latch	For double locking latch		-	With double locking latches	
Clamping area		-		9 mm ... 17 mm	-	
Designation	HC-EVO-B06-HHFS-2B-PL-BK	HC-EVO-B16-HLFD-PLBK	HC-EVO-B24-HLFD-PLBK	HC-B-G-M25-PLRBK	HC-EVO-B16-BWD-PLRBK	HC-EVO-B24-BWD-PLRBK
Order No.	1420930	1420932	1420935	1407670	1407648	1407661

AC charging cable for E-Mobility with Infrastructure Plug

The new design line of AC Vehicle Connectors has been developed according to the requirements of the automotive industry. High-quality materials and user-friendly handling make the mobile charging cables the ideal companion for you and your electric vehicle.






Your advantages

- ✓ Developed according to the requirements of the automotive industry (LV 124 and LV 214)
- ✓ All international standards with type 1, type 2, and GB/T available
- ✓ Modern design with robust and high-quality materials
- ✓ User-friendly handling thanks to low insertion and withdrawal forces
- ✓ Type 1 and GB/T actuation lever lockable with 4 mm U-lock

Main features

- Type 1 according to IEC 62196-2/SAE J1772: up to 250 V AC, up to 32 A, 1-phase
- Type 2 according to IEC 62196-2: up to 480 V AC, up to 32 A, 1- and 3-phase
- GB/T 20234.2: up to 440 V AC, up to 32 A
- IP degree of protection with protective cap: IP56
- Color: black and gray

New product 2016						
i Web code: #0598						
Description	Mobile AC charging cable, type 1		Mobile AC charging cable, type 2		Mobile AC charging cable, GB/T	
Actuating lever can be locked	Yes		No		Yes	
Cable length	4.0 m		4.0 m		5.0 m	
Rated voltage	250 V		250 V	480 V	250 V	440 V
Rated current	20 A	32 A	20 A	32 A	16 A	32 A
Designation	EV-TAG3PK1-AC20 A-4,0M2,5ESBK01	EV-TAG3PK-1AC32 A-4,0M6,0ESBK01	EV-T2G3PC-1AC20 A-4,0M2,5ESBK01	EV-T2G3PC-3AC32 A-4,0M6,0ESBK01	EV-GBG3JK-1AC16 A-5,0M2,5ESBK01	EV-GBG3JK-3AC32 A-5,0M6,0ESBK01
Order No.	1623908	1623909	1623506	1623509	1623515	1624138

AC charging cable for E-Mobility with open cable end

The new design line of AC Vehicle Connectors has been developed according to the requirements of the automotive industry. The charging cables with open cable end can be connected to your charging point and are easy to use. High-quality materials finish off the modern design.



Your advantages

- ✓ Developed according to the requirements of the automotive industry (LV 124 and LV 214)
- ✓ All international standards with type 1, type 2, and GB/T available
- ✓ Modern design with robust and high-quality materials
- ✓ User-friendly handling thanks to low insertion and withdrawal forces
- ✓ Type 1 and GB/T actuation lever lockable with 4 mm U-lock

Main features

- Type 1 according to IEC 62196-2/SAE J1772: up to 250 V AC, up to 32 A, 1-phase
- Type 2 according to IEC 62196-2: up to 480 V AC, up to 32 A, 1- and 3-phase
- GB/T 20234.2: up to 440 V AC, up to 32 A
- IP degree of protection with protective cap: IP56
- Color: black and gray

New product 2016						
i Web code: #0599						
Description	AC Vehicle Connector Type 1		AC Vehicle Connector Type 2		AC Vehicle Connector GB/T	
Lockable actuation lever	Yes		No		Yes	
Cable length	4.0 m		4.0 m		5.0 m	
Rated voltage	250 V		250 V	480 V	250 V	440 V
Rated current	20 A	32 A	20 A	32 A	16 A	32 A
Designation	EV-T1G3K-1AC20 A-4,0M2,5ESBK01	EV-T1G3K-1AC32 A-4,0M6,0ESBK01	EV-T2G3C-1AC20 A-4,0M2,5ESBK01	EV-T2G3C-3AC32 A-4,0M6,0ESBK01	EV-GBG3K-1AC16 A-5,0M2,5ESBK01	EV-GBG3K-3AC32 A-5,0M6,0ESBK01
Order No.	1623236	1623224	1623502	1623505	1623510	1624137

Professional service

In addition to a large number of new products, we also provide great flexibility in customer-specific adaptations. From color versions, to printing, right through to special packaging, we can provide you with almost anything – even brand new product developments.

Flexibility in different versions

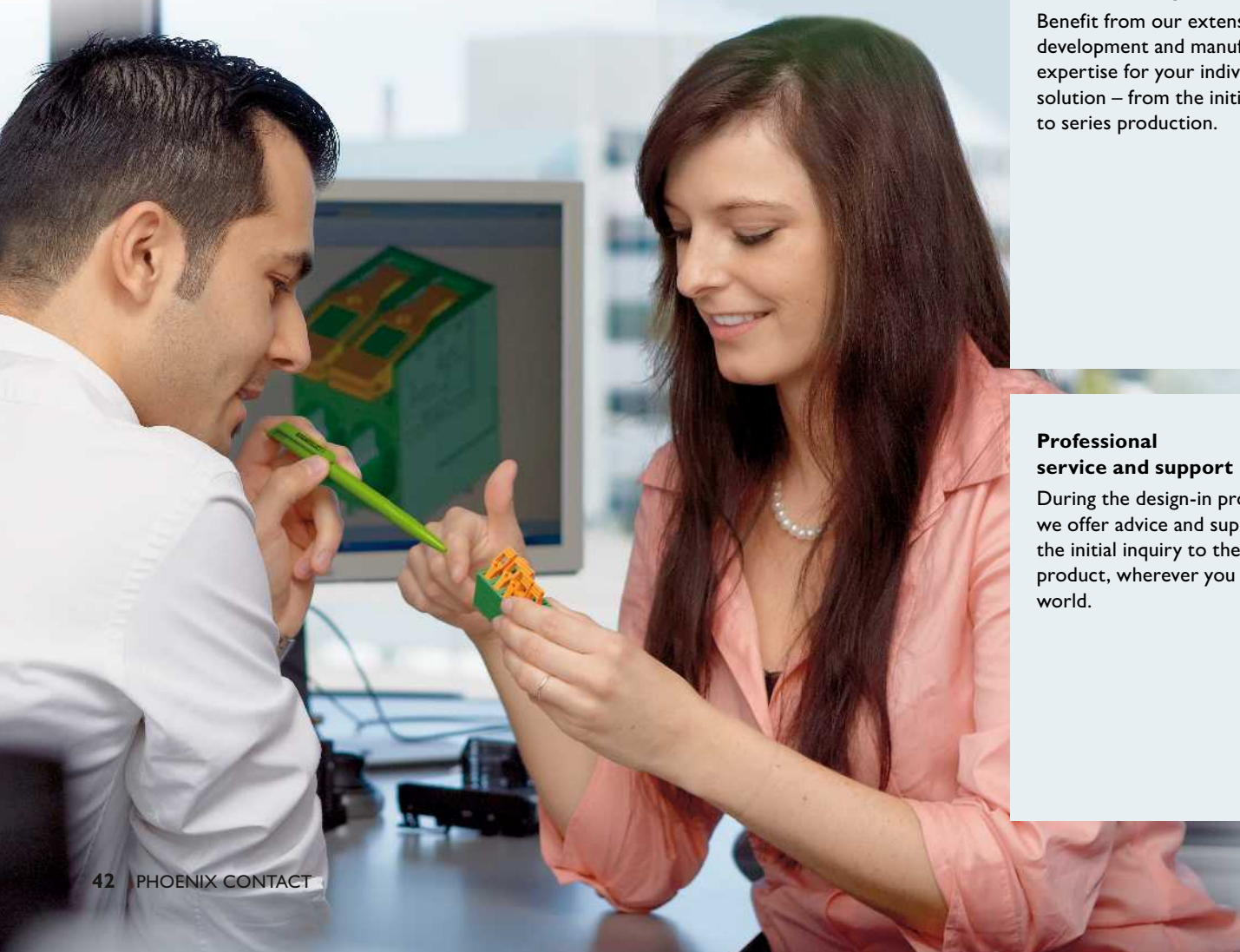
Whether you need individual colors, modern special printing, a specific number of contacts or complete cable assemblies: our service centers will be happy to support you in quickly implementing your requirements.

Innovation expertise

Benefit from our extensive development and manufacturing expertise for your individual solution – from the initial idea to series production.

Professional service and support

During the design-in process, we offer advice and support from the initial inquiry to the finished product, wherever you are in the world.





Wide range of color versions



Customer-specific cable assemblies



Individual printing



Special punching, coding, and pin lengths



Connection block for temperature sensors



Hybrid connector for charging stations



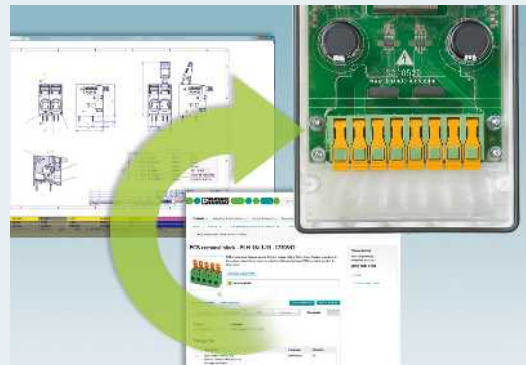
Connection system for LED street lighting



Controller housing with front connection technology



Fast product selection using web tools



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Product range

- Cables and wires
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- Electronic switchgear and motor control
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- Functional safety
- HMIs and industrial PCs
- I/O systems
- Industrial communication technology
- Industrial Ethernet
- Installation and mounting material
- Lighting and signaling
- Marking and labeling
- Measurement and control technology
- Monitoring
- PCB terminal blocks and PCB connectors
- Power supply units and UPS
- Protective devices
- Relay modules
- Sensor/actuator cabling
- Software
- Surge protection and interference filters
- System cabling for controllers
- Terminal blocks
- Tools
- Wireless data communication

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