

■ PCB Connectors

March 2018

New right-angle, spring-contact connectors

Ideal for DIN rail-mounted devices

Wire management in control cabinets is easier with these new plug connectors from Phoenix Contact. When combined with DIN rail-mounted devices, wire positioning can be made from above or below the device.

Our push-in spring connections allow for quick and easy operation, and can be color-coded to reduce wiring errors. Integrated test points increase the convenience of installation and maintenance. In the image to the right, the FKCOR connector is on the top, and the FKCOW connector is on the bottom.

Features and benefits

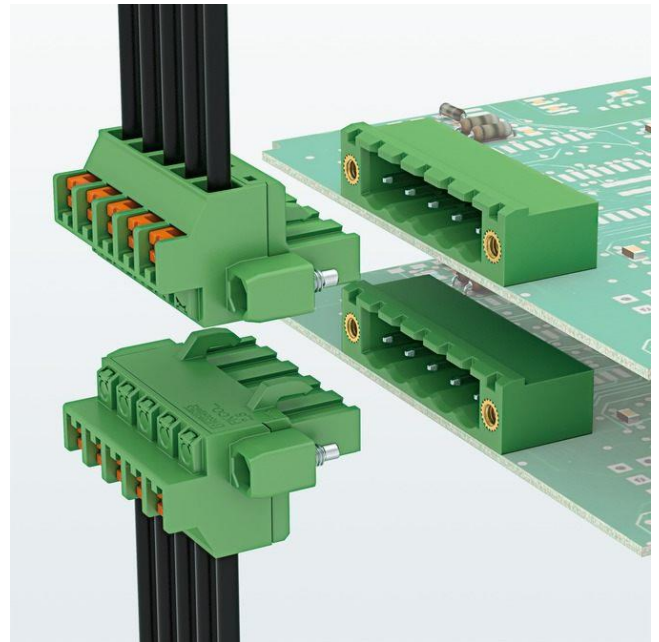
- Push-in spring connection technology for fast wire termination
- Available with screw flange, and lock and release lever system for secure connector mating
- Keying options to prevent mismatching
- Compatible with popular MSTB connector family

Technical data

- Rated up to 12 A and 300 V UL
- 5.08-mm pitch
- 2 to 24 positions per connector
- 26 to 12 AWG

Potential applications

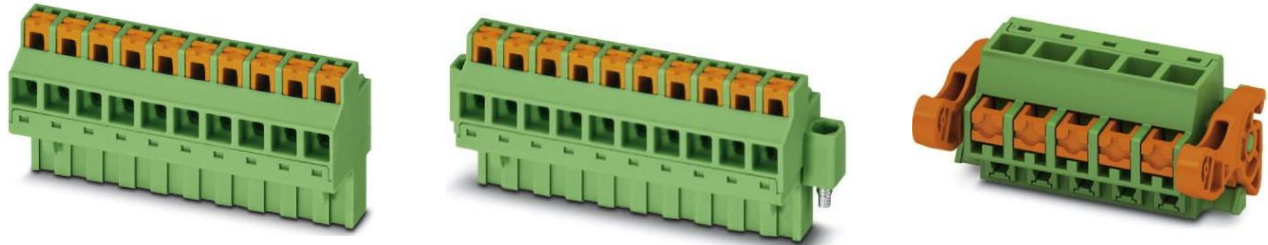
- Automation technology
- Distributed power supplies
- Energy technology



DEVICE CONNECTORS

PCB Connectors

FKCOR (no flange, screw flange, lock and release)



FKCOW (no flange, screw flange)



FKCOR

Part number	Description	# Positions	Flange
1861234	FKCOR 2,5/ 2-ST-5,08	2	No
1861247	FKCOR 2,5/ 3-ST-5,08	3	No
1861250	FKCOR 2,5/ 4-ST-5,08	4	No
1861263	FKCOR 2,5/ 5-ST-5,08	5	No
1861276	FKCOR 2,5/ 6-ST-5,08	6	No
1861289	FKCOR 2,5/ 7-ST-5,08	7	No
1861292	FKCOR 2,5/ 8-ST-5,08	8	No
1861302	FKCOR 2,5/ 9-ST-5,08	9	No
1861315	FKCOR 2,5/10-ST-5,08	10	No
1861328	FKCOR 2,5/11-ST-5,08	11	No
1861331	FKCOR 2,5/12-ST-5,08	12	No
1861344	FKCOR 2,5/13-ST-5,08	13	No
1861357	FKCOR 2,5/14-ST-5,08	14	No
1861360	FKCOR 2,5/15-ST-5,08	15	No
1861373	FKCOR 2,5/16-ST-5,08	16	No

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1861386	FKCOR 2,5/17-ST-5,08	17	No
1861399	FKCOR 2,5/18-ST-5,08	18	No
1861409	FKCOR 2,5/19-ST-5,08	19	No
1861412	FKCOR 2,5/20-ST-5,08	20	No
1861425	FKCOR 2,5/21-ST-5,08	21	No
1861438	FKCOR 2,5/22-ST-5,08	22	No
1861441	FKCOR 2,5/23-ST-5,08	23	No
1861454	FKCOR 2,5/24-ST-5,08	24	No
1861467	FKCOR 2,5/ 2-STF-5,08	2	Screw
1861470	FKCOR 2,5/ 3-STF-5,08	3	Screw
1861483	FKCOR 2,5/ 4-STF-5,08	4	Screw
1861496	FKCOR 2,5/ 5-STF-5,08	5	Screw
1861506	FKCOR 2,5/ 6-STF-5,08	6	Screw
1861519	FKCOR 2,5/ 7-STF-5,08	7	Screw
1861522	FKCOR 2,5/ 8-STF-5,08	8	Screw
1861535	FKCOR 2,5/ 9-STF-5,08	9	Screw
1861548	FKCOR 2,5/10-STF-5,08	10	Screw
1861551	FKCOR 2,5/11-STF-5,08	11	Screw
1861564	FKCOR 2,5/12-STF-5,08	12	Screw
1861577	FKCOR 2,5/13-STF-5,08	13	Screw
1861580	FKCOR 2,5/14-STF-5,08	14	Screw
1861593	FKCOR 2,5/15-STF-5,08	15	Screw
1861603	FKCOR 2,5/16-STF-5,08	16	Screw
1861616	FKCOR 2,5/17-STF-5,08	17	Screw
1861629	FKCOR 2,5/18-STF-5,08	18	Screw
1861632	FKCOR 2,5/19-STF-5,08	19	Screw
1861645	FKCOR 2,5/20-STF-5,08	20	Screw
1861658	FKCOR 2,5/21-STF-5,08	21	Screw
1861661	FKCOR 2,5/22-STF-5,08	22	Screw
1861674	FKCOR 2,5/23-STF-5,08	23	Screw
1861687	FKCOR 2,5/24-STF-5,08	24	Screw
1861690	FKCOR 2,5/ 2-ST-5,08-LR	2	Lock and release
1861700	FKCOR 2,5/ 3-ST-5,08-LR	3	Lock and release
1861713	FKCOR 2,5/ 4-ST-5,08-LR	4	Lock and release
1861726	FKCOR 2,5/ 5-ST-5,08-LR	5	Lock and release
1861739	FKCOR 2,5/ 6-ST-5,08-LR	6	Lock and release

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1861742	FKCOR 2,5/ 7-ST-5,08-LR	7	Lock and release
1861755	FKCOR 2,5/ 8-ST-5,08-LR	8	Lock and release
1861768	FKCOR 2,5/ 9-ST-5,08-LR	9	Lock and release
1861771	FKCOR 2,5/10-ST-5,08-LR	10	Lock and release
1861784	FKCOR 2,5/11-ST-5,08-LR	11	Lock and release
1861797	FKCOR 2,5/12-ST-5,08-LR	12	Lock and release
1861807	FKCOR 2,5/13-ST-5,08-LR	13	Lock and release
1861810	FKCOR 2,5/14-ST-5,08-LR	14	Lock and release
1861823	FKCOR 2,5/15-ST-5,08-LR	15	Lock and release
1861836	FKCOR 2,5/16-ST-5,08-LR	16	Lock and release
1861849	FKCOR 2,5/17-ST-5,08-LR	17	Lock and release
1861852	FKCOR 2,5/18-ST-5,08-LR	18	Lock and release
1861865	FKCOR 2,5/19-ST-5,08-LR	19	Lock and release
1861878	FKCOR 2,5/20-ST-5,08-LR	20	Lock and release
1861881	FKCOR 2,5/21-ST-5,08-LR	21	Lock and release
1861894	FKCOR 2,5/22-ST-5,08-LR	22	Lock and release
1861904	FKCOR 2,5/23-ST-5,08-LR	23	Lock and release
1861917	FKCOR 2,5/24-ST-5,08-LR	24	Lock and release

FKCOW

Part Number	Description	# Positions	Flanged
1860549	FKCOW 2,5/ 2-ST-5,08	2	No
1860552	FKCOW 2,5/ 3-ST-5,08	3	No
1860565	FKCOW 2,5/ 4-ST-5,08	4	No
1860578	FKCOW 2,5/ 5-ST-5,08	5	No
1860581	FKCOW 2,5/ 6-ST-5,08	6	No
1860594	FKCOW 2,5/ 7-ST-5,08	7	No
1860604	FKCOW 2,5/ 8-ST-5,08	8	No
1860617	FKCOW 2,5/ 9-ST-5,08	9	No
1860620	FKCOW 2,5/10-ST-5,08	10	No
1860633	FKCOW 2,5/11-ST-5,08	11	No
1860646	FKCOW 2,5/12-ST-5,08	12	No
1860659	FKCOW 2,5/13-ST-5,08	13	No
1860662	FKCOW 2,5/14-ST-5,08	14	No
1860675	FKCOW 2,5/15-ST-5,08	15	No

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1860688	FKCOW 2,5/16-ST-5,08	16	No
1860691	FKCOW 2,5/17-ST-5,08	17	No
1860701	FKCOW 2,5/18-ST-5,08	18	No
1860714	FKCOW 2,5/19-ST-5,08	19	No
1860727	FKCOW 2,5/20-ST-5,08	20	No
1860730	FKCOW 2,5/21-ST-5,08	21	No
1860743	FKCOW 2,5/22-ST-5,08	22	No
1860756	FKCOW 2,5/23-ST-5,08	23	No
1860769	FKCOW 2,5/24-ST-5,08	24	No
1860772	FKCOW 2,5/ 2-STF-5,08	2	Screw
1860785	FKCOW 2,5/ 3-STF-5,08	3	Screw
1860798	FKCOW 2,5/ 4-STF-5,08	4	Screw
1860808	FKCOW 2,5/ 5-STF-5,08	5	Screw
1860811	FKCOW 2,5/ 6-STF-5,08	6	Screw
1860824	FKCOW 2,5/ 7-STF-5,08	7	Screw
1860837	FKCOW 2,5/ 8-STF-5,08	8	Screw
1860840	FKCOW 2,5/ 9-STF-5,08	9	Screw
1860853	FKCOW 2,5/10-STF-5,08	10	Screw
1860866	FKCOW 2,5/11-STF-5,08	11	Screw
1860879	FKCOW 2,5/12-STF-5,08	12	Screw
1860882	FKCOW 2,5/13-STF-5,08	13	Screw
1860895	FKCOW 2,5/14-STF-5,08	14	Screw
1860905	FKCOW 2,5/15-STF-5,08	15	Screw
1860918	FKCOW 2,5/16-STF-5,08	16	Screw
1860921	FKCOW 2,5/17-STF-5,08	17	Screw
1860934	FKCOW 2,5/18-STF-5,08	18	Screw
1860947	FKCOW 2,5/19-STF-5,08	19	Screw
1860950	FKCOW 2,5/20-STF-5,08	20	Screw
1860963	FKCOW 2,5/21-STF-5,08	21	Screw
1860976	FKCOW 2,5/22-STF-5,08	22	Screw
1860989	FKCOW 2,5/23-STF-5,08	23	Screw
1860992	FKCOW 2,5/24-STF-5,08	24	Screw

To learn more about these connectors, and to place a sample request please visit

www.phoenixcontact.com/newproducts.