

PCB Connectors

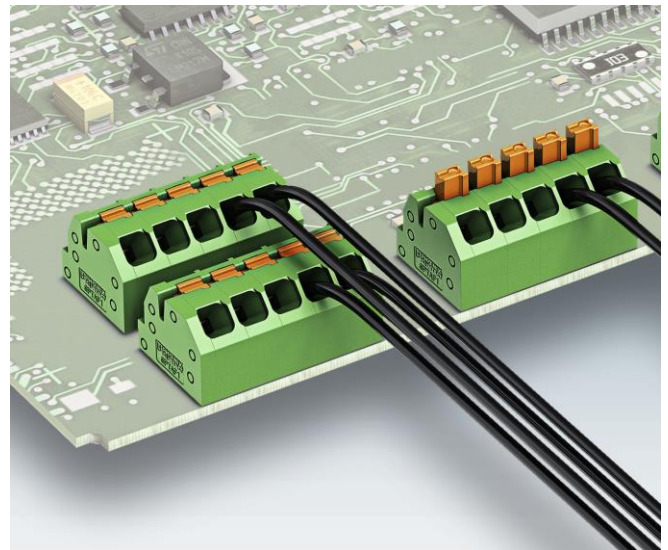
May 2020

New Ex-rated PCB terminal block

Space saving meets wiring convenience

The new series of the SPTAF 1 PCB terminal block was designed to meet the stringent safety requirements of “Ex eb” protection, according to IEC 60079-7 for potentially explosive areas.

This terminal block includes all the advantages of our SPTAF 1 connector family – a low overall height, high current-carrying capacity, and intuitive Push-in wire termination. Versions that are color-coded by wire position are also available upon request.



Features and benefits

- Time-saving push-in connection requires no special tools
- Small component size makes it efficient where space is at a premium
- The color-coded actuation lever makes for intuitive use
- Integrated test point makes for quick and convenient circuit testing
- Ex rating for use in potentially explosive areas

Technical data

- Rated up to 16 A and 137 V
- 3.5- and 5.0-mm pitch
- 2 to 12 positions per connector
- Accommodates 24 to 16 AWG wire sizes

Potential applications

- Oil and gas industry
- Petroleum refineries
- Utility gas plants

DEVICE CONNECTORS

■ PCB Connectors

IL Series

	Internal lever: 3.5-mm pitch	# Positions
1071010	SPTAF 1/ 2-3,5-IL-EX	2
1071011	SPTAF 1/ 3-3,5-IL-EX	3
1071012	SPTAF 1/ 4-3,5-IL-EX	4
1071013	SPTAF 1/ 5-3,5-IL-EX	5
1071014	SPTAF 1/ 6-3,5-IL-EX	6
1071015	SPTAF 1/ 7-3,5-IL-EX	7
1071016	SPTAF 1/ 8-3,5-IL-EX	8
1071017	SPTAF 1/ 9-3,5-IL-EX	9
1071018	SPTAF 1/10-3,5-IL-EX	10
1071019	SPTAF 1/11-3,5-IL-EX	11
1071020	SPTAF 1/12-3,5-IL-EX	12
	Internal lever: 5.0-mm pitch	
1071064	SPTAF 1/ 2-5,0-IL-EX	2
1071066	SPTAF 1/ 3-5,0-IL-EX	3
1071068	SPTAF 1/ 4-5,0-IL-EX	4
1071100	SPTAF 1/ 4-5,0-IL-EXPROFINET 3	4
1071070	SPTAF 1/ 5-5,0-IL-EX	5
1071071	SPTAF 1/ 6-5,0-IL-EX	6
1071073	SPTAF 1/ 7-5,0-IL-EX	7
1071074	SPTAF 1/ 8-5,0-IL-EX	8
1071077	SPTAF 1/ 9-5,0-IL-EX	9
1071078	SPTAF 1/10-5,0-IL-EX	10
1071079	SPTAF 1/11-5,0-IL-EX	11
1071080	SPTAF 1/12-5,0-IL-EX	12



DEVICE CONNECTORS

■ PCB Connectors

EL Series

	External lever: 3.5-mm pitch	# Positions
1070999	SPTAF 1/ 2-3,5-EL-EX	2
1071000	SPTAF 1/ 3-3,5-EL-EX	3
1071001	SPTAF 1/ 4-3,5-EL-EX	4
1071002	SPTAF 1/ 5-3,5-EL-EX	5
1071003	SPTAF 1/ 6-3,5-EL-EX	6
1071004	SPTAF 1/ 7-3,5-EL-EX	7
1071005	SPTAF 1/ 8-3,5-EL-EX	8
1071006	SPTAF 1/ 9-3,5-EL-EX	9
1071007	SPTAF 1/10-3,5-EL-EX	10
1071008	SPTAF 1/11-3,5-EL-EX	11
1071009	SPTAF 1/12-3,5-EL-EX	12
External lever: 5.0-mm pitch		
1071045	SPTAF 1/ 2-5,0-EL-EX	2
1071046	SPTAF 1/ 3-5,0-EL-EX	3
1071048	SPTAF 1/ 4-5,0-EL-EX	4
1071049	SPTAF 1/ 5-5,0-EL-EX	5
1071050	SPTAF 1/ 6-5,0-EL-EX	6
1071051	SPTAF 1/ 7-5,0-EL-EX	7
1071053	SPTAF 1/ 8-5,0-EL-EX	8
1071055	SPTAF 1/ 9-5,0-EL-EX	9
1071057	SPTAF 1/10-5,0-EL-EX	10
1071059	SPTAF 1/11-5,0-EL-EX	11
1071060	SPTAF 1/12-5,0-EL-EX	12



To learn more about these connectors and place a sample request, please visit
www.phoenixcontact.com/newproducts.