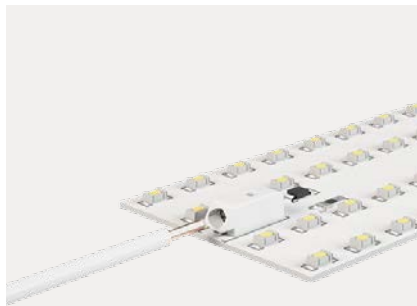


2059 SERIES

For the Smallest Sizes

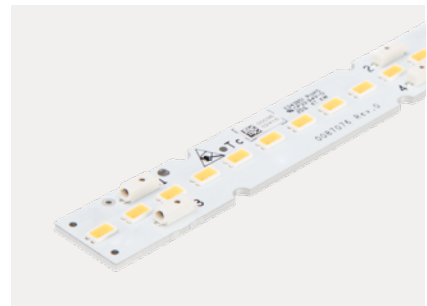
- Low profile: just 2.7 mm
- Pin spacing: 3 mm
- Conductor range: 26 ... 20 AWG (0.14 ... 0.5 mm²), solid
- Insert solid conductors via push-in termination
- Easy conductor removal via operating tool
- Available in 1- to 3-pole configurations
- Side-by-side assembly without pole loss
- Available in tape-and-reel packaging



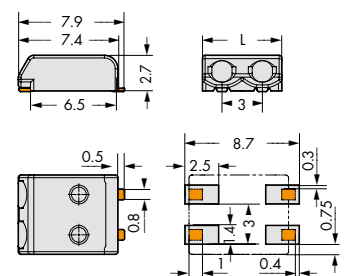
Push-in termination of solid conductors



Easy conductor removal, e.g., via operating tool (206-859)



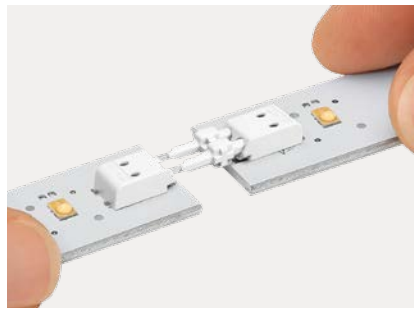
2059 Series, 3 mm Pin Spacing				
Pin spacing	3 mm / 0.118 inch			*Conductor Data
Ratings per	IEC/EN 60664-1			Connection technology
Overvoltage category	III	III	II	PUSH WIRE®
Pollution degree	3	2	2	Conductor range: solid
Rated voltage	63 V	160 V	320 V	0.14 ... 0.34 mm ²
Rated surge voltage	2.5 kV	2.5 kV	2.5 kV	AWG
Rated current	3 A	3 A	3 A	26 ... 22 "sol."
Approvals per	UL 1977			Strip length
Rated voltage, 1-pole	600 V			4 ... 5.5 mm / 0.16 ... 0.22 inch
Rated voltage, 2 or more poles	250 V			
Nominal current UL	3 A			Conductor range: solid
Pole No.	Item No.	Pack. Unit		0.5 mm ²
SMD PCB terminal blocks in tape-and-reel packaging, white				AWG
1	2059-301/998-403	31800 (12 x 2650)		20 "sol."
2	2059-302/998-403	21000 (12 x 1750)		Strip length
3	2059-303/998-403	21000 (12 x 1750)		6 ... 7.5 mm / 0.24 ... 0.3 inch
				Note (conductor range)
				No reconnection of smaller conductor cross-sections
				Reel diameter: 330 mm



L = (pole no. x pin spacing) – 0.1 mm

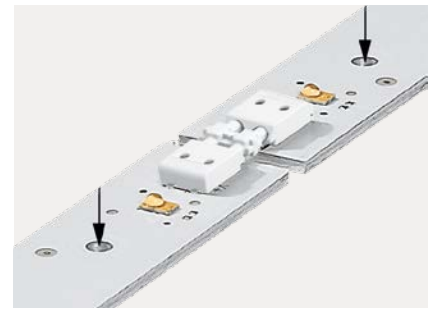


Insert a board-to-board link into the terminal block.



Assembly: Place PCBs on a flat surface and connect terminal blocks on adjoining PCBs via board-to-board link.

Disassembly: Pull PCBs apart (max. 10 mating cycles).



The PCBs must be secured.

2059 Series, Board-to-Board Link								
Pin spacing	3 mm / 0.118 inch			Pole No.	Item No.			Pack. Unit
					Pin length: 15.3 mm	Pin length: 17.5 mm	Pin length: 20.5 mm	
Ratings per	IEC/EN 60664-1			1	2059-901	2059-901/018-000	2059-901/021-000	1500
Overvoltage category	III	III	II	2	2059-902	2059-902/018-000	2059-902/021-000	500
Pollution degree	3	2	2	3	2059-903	2059-902/018-000	2059-902/021-000	375
Rated voltage	63 V	160 V	320 V	4	2059-904	2059-904/018-000	2059-904/021-000	250
Rated surge voltage	2.5 kV	2.5 kV	2.5 kV					
Rated current	3 A	3 A	3 A					

