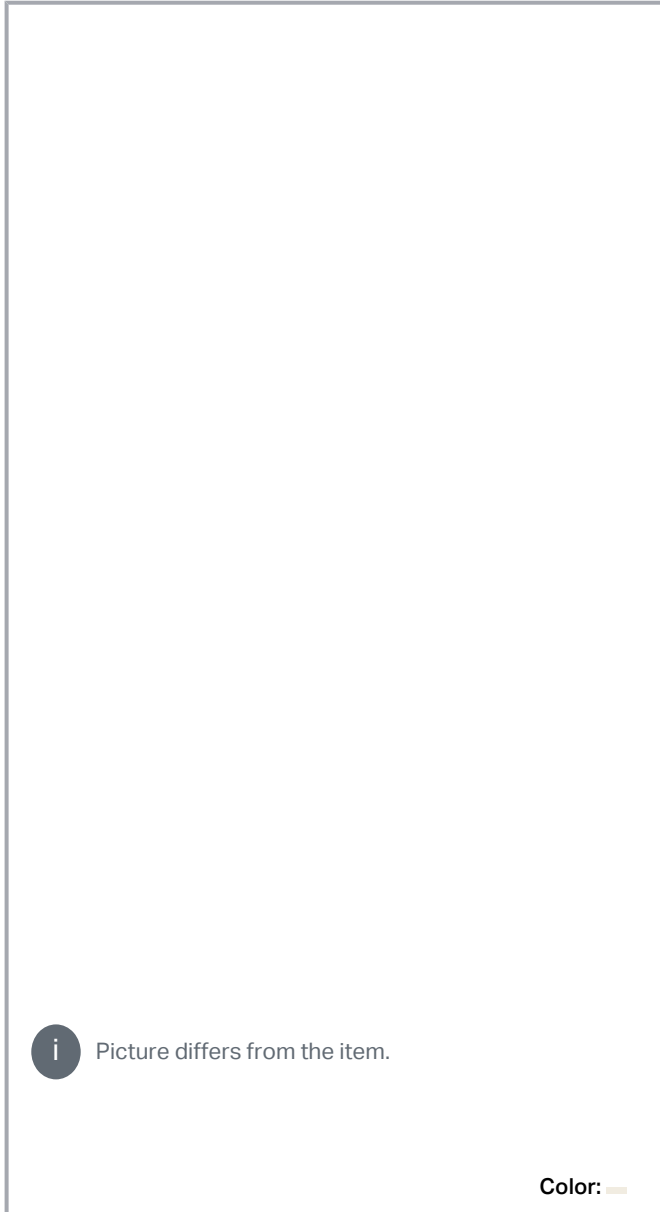


Data sheet | Item number: 2059-902/018-000

Board-to-Board Link; Pin spacing 3 mm; 2-pole; Length: 17.5 mm; white

[www.wago.com/2059-902/018-000](http://www.wago.com/2059-902/018-000)



Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



### Item description

- Board-to-board links simplify in-line assembly of LED modules
- Easy push-in connection and disconnection

without push-button actuation

### Data

#### Electrical data

Subject to changes. Please also observe the further product documentation!



### Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	63 V
Rated impulse voltage (III/3)	2.5 kV
Rated voltage (III/2)	160 V
Rated impulse voltage (III/2)	2.5 kV
Nominal voltage (II/2)	320 V
Rated surge voltage (II/2)	2.5 kV
Rated current	3 A
Legend (ratings)	(III / 2) $\triangleq$ Overvoltage category III / Pollution degree 2

### Connection data

Total number of potentials	2
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### Connection 1

Pole number	2
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### Physical data

Pin spacing	3 mm / 0.118 inches
Width	5.7 mm / 0.224 inches
Height	2.5 mm / 0.098 inches
Depth	17.5 mm / 0.689 inches

### Mechanical data

Mating cycles (max.)	10
Number of mating cycles	10 connections/disconnections (max.)
Suitable	for SMD PCB terminal blocks (2059 Series)

### Material data

Note (material data)	Information on material data can be found here
Color	white
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper alloy

Subject to changes. Please also observe the further product documentation!

Contact plating	Silver
Fire load	0.001 MJ
Weight	0.1 g

### Environmental requirements





Limit temperature range	-60 ... +105 °C
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### Commercial data

eCl@ss 10.0	27-14-11-92
eCl@ss 9.0	27-14-11-92
ETIM 8.0	EC002848
ETIM 7.0	EC002848
PU (SPU)	500 Stück
Packaging type	box
Country of origin	CN
GTIN	4055143610087
Customs tariff number	85369010000

### Approvals / Certificates

#### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947-7-4	NTR NL-7819
	CCA DEKRA Certification B.V.	EN 60947-7-4	71-111131
	CCA DEKRA Certification B.V.	EN 60838	NTR NL-7720
	cURus Underwriters Laboratories Inc.	UL 1059	E45172
	KEMA/KEUR	EN 60838	71-

Subject to changes. Please also observe the further product documentation!

DEKRA Certification B.V.

106226



UL

UL 1977

E45171



Underwriters Laboratories Inc.

## Counterpart



Item no.2059-322/998-403

SMD PCB terminal block; 0.5 mm<sup>2</sup>; Pin spacing 3 mm; 2-pole; PUSH WIRE®; in tape-and-reel packaging; 0,50 mm<sup>2</sup>; black

[www.wago.com/2059-322/998-403](http://www.wago.com/2059-322/998-403)

Item no.2059-302/998-403

SMD PCB terminal block; 0.5 mm<sup>2</sup>; Pin spacing 3 mm; 2-pole; PUSH WIRE®; in tape-and-reel packaging; 0,50 mm<sup>2</sup>; white

[www.wago.com/2059-302/998-403](http://www.wago.com/2059-302/998-403)

## Downloads

### Documentation

#### Additional Information

Technical Section	2019 Apr 3	pdf	Download
Technical explanations		2.0 MB	

## CAD/CAE-Data

### CAD data

2D/3D Models 2059-902/018-000	URL	Download
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### CAE data

ZUKEN Portal 2059-902/018-000	URL	Download
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 2059-902/018-000	URL	Download
Board-to-Board Link; Pin spacing 3 mm; 2-pole; Length: 17.5 mm; white		

Subject to changes. Please also observe the further product documentation!

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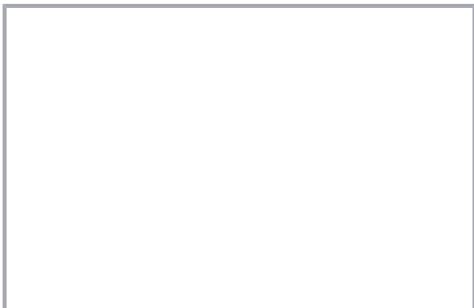


## Installation Notes

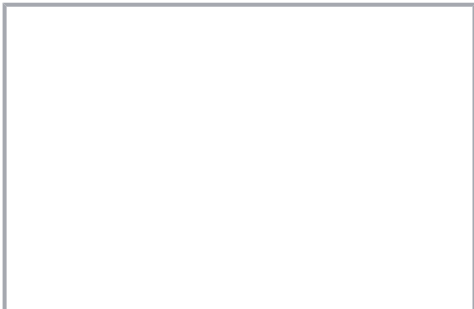
### Installation



### Installation



### Installation



Subject to changes. Please also observe the further product documentation!