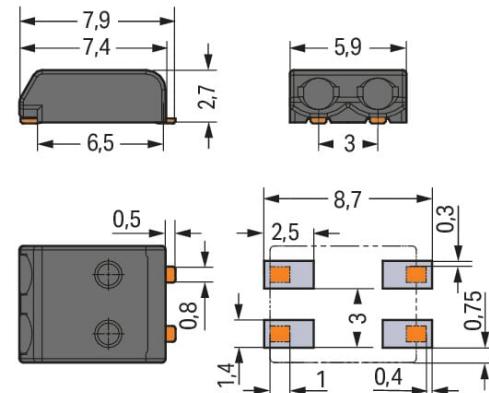
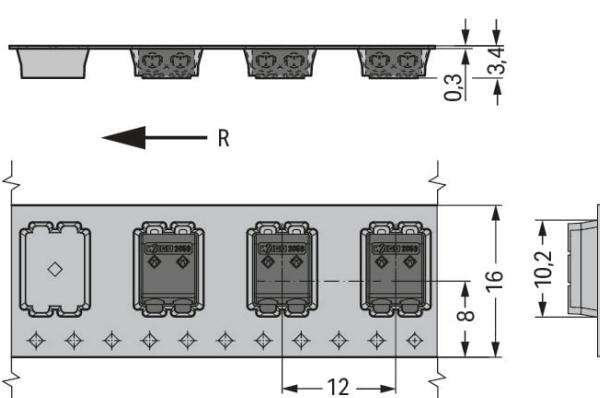




Color: ■ black



Dimensions in mm



Dimensions in mm

R = feed direction

- SMD PCB terminal blocks with PUSH WIRE® connection technology
- Push-in termination of solid conductors
- Easy conductor removal via operating tool
- Just 2.7 mm tall
- Assemble terminal blocks without pole loss
- Available in tape-and-reel packaging for automated assembly

## Notes

### Note

### Application notes:

Suitable for lead-free, reflow-soldering profiles per DIN EN 61760-1 and IEC 60068-2-58 up to max. 260°C peak temperature. Due to application-specific variables (component configuration and orientation, type of soldering machine, solder paste), trial runs are recommended to ensure product and process compatibility under actual manufacturing conditions.

### Recommendation

Depending on reflow soldering temperatures and times, color deviations may occur. These deviations will have no impact on functionality.

### Recommendation for stencil:

150 µm material thickness; Pattern layout identical to solder pad layout

## Electrical data

Ratings per			IEC/EN 60664-1			Approvals per		UL 1977	
Overvoltage category	III	III	II			Rated voltage		250 V	
Pollution degree	3	2	2			Rated current		3 A	
Nominal voltage	63 V	160 V	320 V						
Rated surge voltage	2.5 kV	2.5 kV	2.5 kV						
Rated current	3 A	3 A	3 A						

## Connection data

Connection points		Connection 1	
Total number of potentials	2	Connection technology	PUSH WIRE®
Number of connection types	1	Actuation type	Operating tool
Number of levels	1	Solid conductor	0.14 ... 0.34 mm <sup>2</sup> / 26 ... 22 AWG
		Note (conductor cross-section)	For conductors (26 AWG) that are not rigid enough, the clamping unit must be opened using an operating tool.
		Strip length	4 ... 5.5 mm / 0.16 ... 0.22 inches
		Conductor connection direction to PCB	0°
		Pole number	2

## Connection 2

Solid conductor 2	0.5 mm <sup>2</sup> / 20 AWG
Note (conductor cross-section) 2	No reconnection of smaller conductor cross-sections (0.5 mm <sup>2</sup> /20 AWG)
Strip length 2	6 ... 7.5 mm / 0.24 ... 0.3 inches

## Physical data

Pin spacing	3 mm / 0.118 inches
Width	5.9 mm / 0.232 inches
Height	2.7 mm / 0.106 inches
Depth	7.9 mm / 0.311 inches
Reel diameter of tape-and-reel packaging	330 mm
Tape width	16 mm

## PCB contact

PCB contact	SMD
Solder pin arrangement	over the entire terminal strip (in-line)
Number of solder pins per potential	2

## Material data

Note (material data)	<a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a>
Color	black
Material group	I
Insulation material	Polypyromellitimide (PPA GF)
Flammability class per UL94	V0
Contact material	Copper alloy
Contact plating	Tin
Fire load	0.002 MJ
Weight	0.2 g

**Environmental requirements**

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

eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 8.0	EC001284
ETIM 7.0	EC001284
PU (SPU)	21000 (1750) pcs
Packaging type	Box
Country of origin	CH
GTIN	4055143476560
Customs tariff number	85369010000

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Approvals / Certificates****General approvals**

Approval	Standard	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
KEMA/KEUR DEKRA Certification B.V.	EN 60838	71-106226

**Downloads****Environmental Product Compliance****Compliance Search**

Environmental Product  
Compliance  
2059-322/998-403



## Documentation

### Additional Information

Technical Section

03.04.2019

pdf

2010.85 KB



## CAD/CAE-Data

### CAD data

2D/3D Models

2059-322/998-403



## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Board-to-board link

[Item No.: 2059-902](#)Board-to-Board Link; Pin spacing 3 mm;  
2-pole; Length: 15.3 mm; white[Item No.: 2059-902/018-000](#)Board-to-Board Link; Pin spacing 3 mm;  
2-pole; Length: 17.5 mm; white[Item No.: 2059-902/021-000](#)Board-to-Board Link; Pin spacing 3 mm;  
2-pole; Length: 20.5 mm; white

#### 1.1.2 Tool

##### 1.1.2.1 Operating tool

[Item No.: 206-859](#)

Operating tool; for 2059 Series; multicoloured

[Item No.: 2059-189](#)

Operating tool; made of insulating material; for 2059 Series

## Installation Notes

### Conductor termination



Insert solid conductors via push-in termination.

### Conductor termination



Easy conductor removal, e.g., via operating tool (Item No. 206-859) or "twist & pull" (max. 10 x, no reconnection of smaller conductors possible)