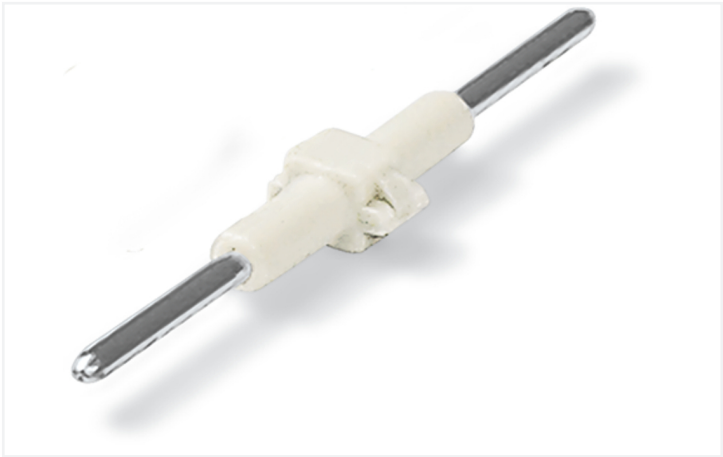
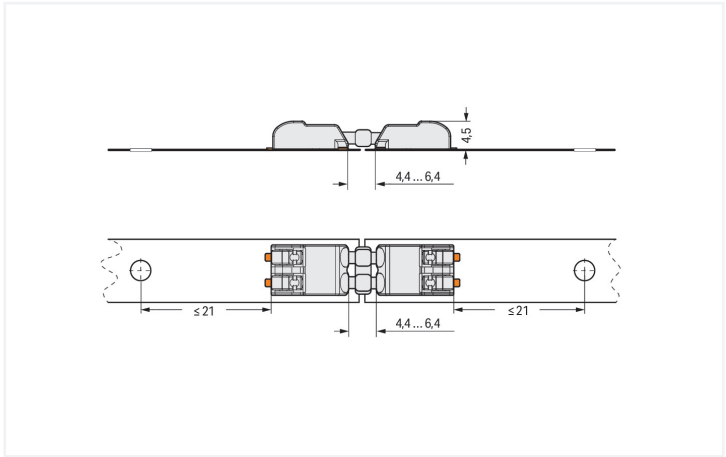
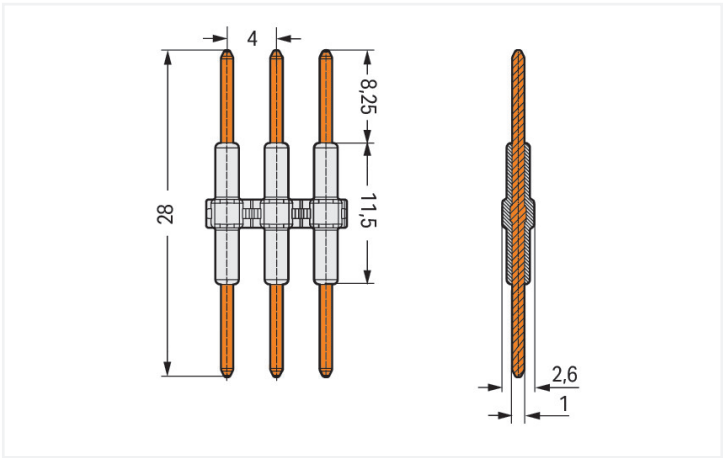




Color: white



Dimensions in mm



Dimensions in mm

- Board-to-board links simplify LED module assembly
- Easy push-in connection and disconnection

Notes	
Safety Information	Notice: Only suitable for 2060-45x, not for 2060-40x.

Electrical data				
Ratings per		IEC/EN 60664-1		
Overvoltage category		III	III	II
Pollution degree		3	2	2
Nominal voltage		63 V	160 V	320 V
Rated surge voltage		2.5 kV	2.5 kV	2.5 kV
Rated current		9 A	9 A	9 A
Approvals per		UL 1977		
Rated voltage		250 V		
Rated current		9 A		



Connection data			
Total number of potentials		1	
		Connection 1	
		Pole number	1
Physical data			
Pin spacing		4 mm / 0.157 inches	
Width		3.4 mm / 0.134 inches	
Height		2.6 mm / 0.102 inches	
Depth		28 mm / 1.102 inches	
Mechanical data			
Mating cycles (max.)		10	
Number of mating cycles		10 connections/disconnections (max.)	
Suitable		for SMD PCB terminal blocks (2060 Series)	
Material data			
Note (material data)		Information on material specifications can be found here	
Color		white	
Material group		I	
Insulation material (main housing)		Polyamide (PA66)	
Flammability class per UL94		V0	
Contact material		Copper alloy	
Contact Plating		Silver	
Fire load		0.001 MJ	
Weight		0.2 g	
Environmental requirements			
Limit temperature range		-60 ... +105 °C	
		Environmental Testing (Environmental Conditions)	
		Test specification Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06
		Test procedure Railway applications – Rolling stock equipment – Shock and vibration tests	DIN EN 61373 (VDE 0115-0106):2011-04
		Spectrum/Installation location	Service life test, Category 1, Class A/B
		Function test with noise-like vibration	Test passed according to Section 8 of the standard
		Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz f ₁ = 5 Hz to f ₂ = 150 Hz
		Acceleration	0.101g (highest test level used for all axes) 0.572g (highest test level used for all axes) 5g (highest test level used for all axes)
		Test duration per axis	10 min. 5 h
		Test directions	X, Y and Z axes X, Y and Z axes X, Y and Z axes
		Monitoring for contact faults/interruptions	Passed
		Voltage drop measurement before and after each axis	Passed



Environmental Testing (Environmental Conditions)	
Simulated service life test through increased levels of noise-like vibration	Test passed according to Section 9 of the standard
Extended test scope: Monitoring for contact faults/interruptions	Passed Passed
Extended test scope: Voltage drop measurement before and after each axis	Passed Passed
Shock test	Test passed according to Section 10 of the standard
Shock form	Half sine
Shock duration	30 ms
Number of shocks per axis	3 pos. und 3 neg.
Vibration and shock stress for rolling stock equipment	Passed

Commercial data	
PU (SPU)	1500 pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143303880
Customs tariff number	85369010000

Product classification	
UNSPSC	39121409
eCl@ss 10.0	27-14-11-92
eCl@ss 9.0	27-14-11-92
ETIM 9.0	EC002848
ETIM 8.0	EC002848
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals		
Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7724
CCA DEKRA Certification B.V.	EN 60998	NTR NL 7725/M1
CCA DEKRA Certification B.V.	EN 60838	NTR NL 2168246
CCA DEKRA Certification B.V.	EN 60947-7-4	NTR NL 7843
cURus Underwriters Laboratories Inc.	UL 1977	E45171
KEMA/KEUR DEKRA Certification B.V.	EN 60838	2168246.01
KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-108183

General approvals		
KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-109040
KEMA/KEUR DEKRA Certification B.V.	EN 60947-7-4	71-114208
UL Underwriters Laboratories Inc.	UL 1059	E45172



Declarations of conformity and manufacturer's declarations



Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
Railway WAGO GmbH & Co. KG	-	Z00004396.000
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 2060-951/028-000



Documentation

Additional Information
Technical Section
03.04.2019
pdf 2027.26 KB



CAD/CAE-Data

CAD data
2D/3D Models 2060-951/028-000



CAE data
ZUKEN Portal 2060-951/028-000



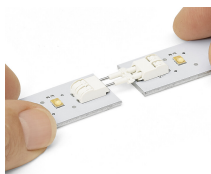
Installation Notes

Installation



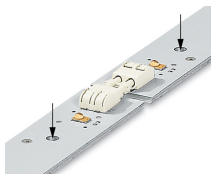
Inserting a board-to-board link into the terminal block.

Installation



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).

Installation



The PCBs must be secured.