



Color: ■ gray

Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	320 V	-
Rated surge voltage	-	4 kV	-
Rated current	-	12 A	-

Connection data

Connection 1	
Pole number	2

Physical data

Pin spacing	5/5.08 mm / 0.197/0.2 inches
Width	10 mm / 0.394 inches
Depth	5 mm / 0.197 inches
Jumper assignment	1-2

Mechanical data

Suitable	for male and female connectors with CAGE CLAMP® connection
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Material data


Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.001 MJ
Weight	0.2 g




Commercial data		
Product Group	3 (Multi Conn. System)	
eCl@ss 10.0	27-14-11-40	
eCl@ss 9.0	27-14-11-40	
ETIM 8.0	EC000489	
ETIM 7.0	EC000489	
PU (SPU)	200 (25) pcs	
Packaging type	Box	
Country of origin	DE	
GTIN	4045454045425	
Customs tariff number	85366990990	

Environmental Product Compliance		
RoHS Compliance Status	Compliant, No Exemption	

Approvals / Certificates					
General approvals			Approvals for marine applications		
					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	EN 61984, IEC 61984	NL-39756/A1	ABS American Bureau of Ship- ping	-	19-HG1869876-PDA
CSA DEKRA Certification B.V.	C22.2	1466354			
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-121453			

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 231-902	

Documentation			
Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

CAD/CAE-Data

CAD data

2D/3D Models 231-902



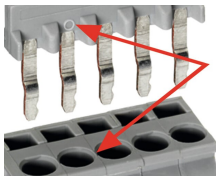
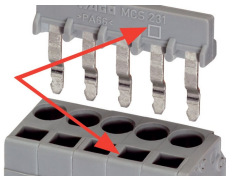
CAE data

ZUKEN Portal 231-902



Installation Notes

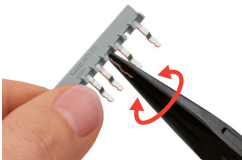
Installation



Notice: Insert jumper bar according to direction of symbols.
□ symbol correlates to the direction of the operating slot.

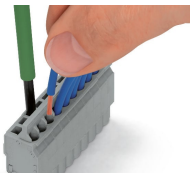
Notice: Insert jumper bar according to direction of symbols.
○ symbol shows direction to conductor entry.

Coding



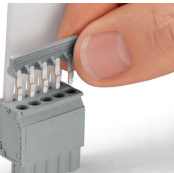
Custom comb-style jumper bars are created by breaking off jumper contacts (3 contacts and more).

Installation



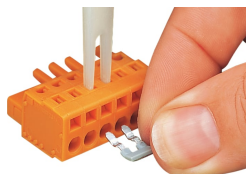
Notice: Comb-style jumper bars reduce the conductor cross-section to 1.5 mm² "s" + "f-st."

Commoning



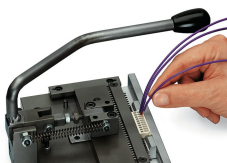
Inserting a comb-style jumper bar via multipole operating tool – with the female or male connector being supported in a suitable holding device.

Installation



Operating tool for comb-style jumper bars
(231-902)

Application



Both male and female connectors can be
pre-assembled with comb-style jumper
bars upon request.