Data Sheet | Item Number: 780-452

Staggered jumper; from 1 to 2; insulated; gray

https://www.wago.com/780-452

Color: gray

Electrical data

Rated current	24 A

Physical data

Width	4.5 mm / 0.177 inches
Height	6 mm / 0.236 inches

Material data

Color	gray
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.007 MJ
Weight	1.3 g

Commercial data

Product Group	17 (TOP JOB Installation Terminal Blocks)
PU (SPU)	100 (25) pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918270830
Customs tariff number	85366990990

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Product Classification

UNSPSC	39121410
eCl@ss 10.0	27-14-11-40
eCl@ss 9.0	27-14-11-40
ETIM 9.0	EC000489
ETIM 10.0	EC000489
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 780-452

Documentation

Bid Text

780-452	19.02.2019	xml 2.91 KB	
780-452	28.04.2017	doc 24.00 KB	

CAD/CAE-Data

CAD data

2D/3D Models 780-452

CAE data

EPLAN Data Portal 780-452

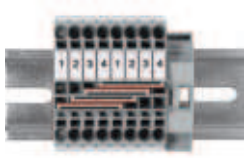
WSCAD Universe 780-452

ZUKEN Portal 780-452

Installation Notes

Commoning

Orient the staggered jumpers' red stripes on the inside.
Insert the staggered jumper and push down until it hits the backstop.



Commoning two potentials in one single jumper slot via extremely slim staggered jumpers.

Commoning

Orient the staggered jumpers' red stripes on the inside.
Insert the staggered jumper and push down until it hits the backstop.

Commoning

Removing a staggered jumper:
Insert the operating tool between the staggered jumpers, then lift up the jumper.

Commoning

Staggered jumper (seven contacts)
Breaking off contact lugs. Individual jumper contacts can be broken off by bending them. The remaining piece of insulation will meet requirements for clearances and creepage distances.

Staggered jumpers
Marking with a felt-tip pen.

Staggering jumpers in a single jumper slot:
Custom staggered jumpers can be created, e.g., for bridging over a terminal block with a different potential. Make sure that only one contact lug is in contact with the terminal block.
The contact lugs of the customized staggered jumpers contact the terminal blocks via the gaps created in the second jumper.
Insert and press the ready-made jumper assembly into the jumper slot until it hits the backstop.