



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

**General ordering data**

Version	Cross-connector (terminal), Plugged, black, 32 A, Number of poles: 20, Pitch in mm (P): 6.10, Insulated: Yes, Width: 119.7 mm
Order No.	<a href="#">2831780000</a>
Type	ZQV 4N/9 BK
GTIN (EAN)	4064675417019
Qty.	20 items

## Technical data

### Approvals

ROHS	Conform
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### Dimensions and weights

Depth	28 mm	Depth (inches)	1.1024 inch
Height	2.8 mm	Height (inches)	0.1102 inch
Width	119.7 mm	Width (inches)	4.7126 inch
Net weight	5.61 g		

### Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-60 °C...85 °C
Operating temperature	-60 °C...130 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

### Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

### Material data

Basic material	Wemid	Colour	black
UL 94 flammability rating	V-0		

### Additional technical data

Type of fixing	Plugged	Explosion-tested version	No
Type of mounting	Plugged		

### Dimensions

Pitch in mm (P)	6.10 mm
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### General

Number of poles	20
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### Rating data

Rated voltage	400 V	Nominal current	32 A
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### Important note

Product information	Due to stability and temperature reasons It is only possible to break out 60% of contact elements. The usage of cross connectors reduces the rated voltage to 400 V. The voltage reduced to 25 V if cut cross connection with blank cut edges are used.
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### Classifications

ETIM 8.0	EC000489	ETIM 9.0	EC000489
ETIM 10.0	EC000489	ECLASS 14.0	27-25-03-03
ECLASS 15.0	27-25-03-03		